



No. 9

28 FEBRUARY 2015



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Web site at <http://msi.nga.mil/NGAPortal/MSI.portal>

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.60, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Web site, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Office	571-557-8384	N/A	571-558-3213
World Wide Navigational Warning Service	571-557-5455	547-5455	571-558-3426
Maritime Safety Web site	571-557-7103	547-7103	N/A
Notice to Mariners: Regions 1 and 2	571-557-8282	547-8282	571-558-3213
Notice to Mariners: Regions 3 thru 9	571-557-8383	547-8383	571-558-3213
Sailing Directions, Fleet Guides	571-557-5831	547-5831	571-558-3213
Navigation Publications	571-557-8080	547-8080	571-558-3213
NGA/DLIS Catalog of Maps Charts and Related Products	269-961-7766	661-7766	269-961-7791

The Maritime Safety Web site can be accessed directly at <http://msi.nga.mil/NGAPortal/MSI.portal>. For your convenience NGA provides four e-mail addresses. For information affecting Notice to Mariners use MCDNtM@nga.mil, for information affecting Sailing Directions and all other navigational publications use MCDPubs@nga.mil, for information concerning the Maritime Safety Web site, use webmaster_nss@nga.mil and for information concerning the World Wide Navigational Warning Service, use NavSafety@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
QM1 Jerad A. Ruthart	USS KAUFFMAN

Cover Photo: NOAA Ship *Reuben Lasker* (R228) is a fishery research vessel built at the Marinette Marine Corporation shipyard in Marinette, Wisconsin, and was commissioned in May, 2014. She is named for Dr. Reuben Lasker (1929-1988), a renowned fisheries scientist who served as director of the coastal fisheries division of NOAA's Southwest Fisheries Science Center. *Reuben Lasker*'s primary objective is to support fish, marine mammal, and turtle surveys off the U.S. West Coast and in the eastern tropical Pacific Ocean. She has a low sound signature to reduce reactions of fish to the presence of the ship. *Reuben Lasker* is also equipped with oceanographic sampling and measuring systems, instrumented trawls, longlines, and plankton nets. The ship has a dynamic positioning system to steer along a pre-determined trackline. She is 208 feet in length, has a beam of 49 feet, a draft of 20 feet with centerboard up and 30 feet with centerboard down. She displaces 1,840 tons (light) and 2,479 tons fully loaded. She has a range of 12,000 nautical miles at 12 knots and can operate at sea for 40 days. She is manned by 5 NOAA Corps officers or mates, 5 licensed engineers, 14 crew and up to 15 scientists. Her homeport is San Diego, CA.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 9/15

HYDROGRAM

**National Geospatial-Intelligence Agency
Springfield, VA 22150-7500**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

28 February 2015

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 6, GREAT LAKES: LAKES ONTARIO, ERIE, HURON, MICHIGAN AND SUPERIOR, AND ST. LAWRENCE RIVER, FORTY-FIFTH EDITION, 2015, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: ENTERPRISE PRODUCT ON DEMAND-MARITIME (EPOD-M) CHARTS AND TRADITIONAL NGA PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

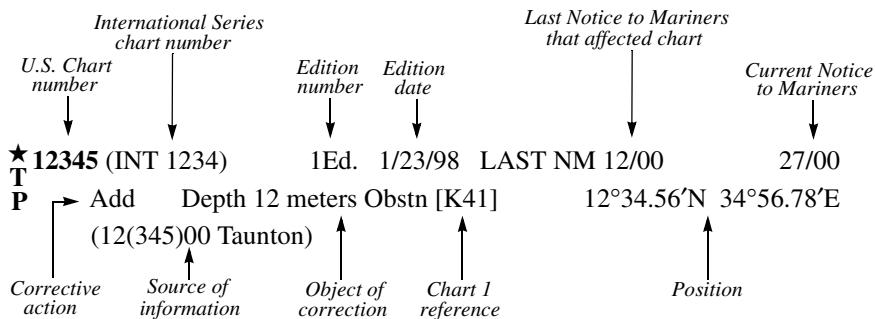
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

THIS NOTICE IS A REMINDER OF THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) HARDCOPY TO DIGITAL TRANSITION PROGRAM. SEE SECTION III FOR DETAILS.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Position coordinates are referred to the horizontal datum of the affected chart.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA/DLIS Catalog of Maps Charts and Related Products, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Coast Pilots, *The American Practical Navigator*, and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

530	33Ed. 10/10 LAST NM 50/14 Delete Light	9/15 20°30'N 156°40'W	11518	38Ed. 5/12 LAST NM 49/14 (Side A) Delete Anchorage area and legend "ANCH...note A)" in vicinity	9/15 32°46'35.0"N 79°57'14.5"W
	Change Light to Fl 12M (4, 5/15 CG14)	19°51'N 155°05'W		Add Anchorage area "SPEC ANCH (see note A)" [N12.1] bound by purple line joining	32°46'40.0"N 79°57'27.0"W 32°46'44.0"N 79°57'25.0"W 32°46'40.0"N 79°57'22.0"W 32°46'27.0"N 79°57'03.0"W 32°46'25.0"N 79°57'09.0"W
540	19Ed. 4/08 LAST NM 50/14 Delete Light	9/15 20°30'N 156°40'W			(NOS)
	Change Light to Fl 12M (4, 5/15 CG14)	19°51'N 155°05'W			
1114A	Ed. 1/06 LAST NM 7/15 Change Legend to "Fish haven (auth min 3fms)"	9/15 29°19.7'N 83°27.6'W	★11524	53Ed. 12/11 LAST NM 2/15 Delete Anchorage area and legend "ANCH...note A)" in vicinity	9/15 32°46'35.0"N 79°57'14.5"W
	Add Depth 2 3/4 fathoms (NOS)	29°19.8'N 83°26.1'W		Add Anchorage area "SPECIAL ANCHORAGE 110.1, 110.72d (see note A)" [N12.1] bound by purple line joining	32°46'40.0"N 79°57'27.0"W 32°46'44.0"N 79°57'25.0"W 32°46'40.0"N 79°57'22.0"W 32°46'27.0"N 79°57'03.0"W 32°46'25.0"N 79°57'09.0"W
11400	36Ed. 1/06 LAST NM 7/15 Change Legend to "Fish haven (auth min 3fms)"	9/15 29°19.7'N 83°27.6'W			(NOS)
	Add Depth 2 3/4 fathoms (NOS)	29°19.8'N 83°26.1'W			
★11406	14Ed. 1/15 NEW EDITION (NOS)	9/15	★11526	11Ed. 1/15 NEW EDITION (NOS)	9/15
★11407	19Ed. 11/12 LAST NM 7/13 Delete Obstruction "(Fish...20ft)" centered	9/15 29°19'47"N 83°26'18"W	★11536	20Ed. 1/15 NEW EDITION (NOS)	9/15
	Add Obstruction "Fish haven (auth min 18ft)" area [K46.2] bound by dotted line joining	29°19'28"N 83°26'26"W 29°19'54"N 83°26'26"W 29°19'55"N 83°26'04"W 29°19'28"N 83°26'04"W	★12286	32Ed. 1/15 NEW EDITION (NOS)	9/15
	Depth 17 feet (NOS)	29°19'45"N 83°26'08"W	14832	35Ed. 3/13 LAST NM 5/15 Delete Buoy "3" Buoy "7"	9/15 42°52'44.7"N 78°53'22.6"W 42°53'26.1"N 78°53'53.0"W (50/14 CG9)
11408	29Ed. 7/08 LAST NM 32/14 Delete Obstruction "(Fish...20ft)" centered	9/15 29°19'47"N 83°26'18"W	★14833	27Ed. 12/12 LAST NM 5/15 Delete Buoy "3" Buoy "7"	9/15 42°52'44.8"N 78°53'22.4"W 42°53'26.2"N 78°53'53.2"W (50/14 CG9)
	Add Obstruction "Fish haven (auth min 18ft)" area [K46.2] bound by dotted line joining	29°19'28"N 83°26'26"W 29°19'54"N 83°26'26"W 29°19'55"N 83°26'04"W 29°19'28"N 83°26'04"W	★14839	37Ed. 10/09 LAST NM 1/15 Delete Buoy "4" Buoy "6" Buoy "10"	9/15 41°32'17.4"N 81°39'28.0"W 41°31'59.4"N 81°39'59.6"W 41°31'14.6"N 81°41'18.2"W
	Depth 17 feet (NOS)	29°19'45"N 83°26'08"W		Change Designation of buoy "5" to "3" 41°31'55.4"N 81°39'55.8"W Designation of buoy "8" to "4" 41°31'36.3"N 81°40'39.9"W Designation of buoy "11" to "5" 41°30'49.1"N 81°41'52.5"W Designation of buoy "12" to "6" 41°30'53.1"N 81°41'56.2"W Designation of buoy "14" to "8" 41°30'36.2"N 81°42'26.0"W	
11441	42Ed. 2/13 LAST NM 35/14 Substitute Depth 34 feet for 23 feet and enclosing depth contour (30-foot)	9/15 24°33'04.5"N 81°48'32.0"W (NOS)			
11446	33Ed. 1/13 LAST NM 35/14 Substitute Depth 34 feet for 23 feet and enclosing depth contour (30-foot)	9/15 24°33'04.5"N 81°48'32.0"W (NOS)	★14841	29Ed. 7/08 LAST NM 38/14 Relocate Buoy "5" from 41°28'31.3"N 82°11'03.3"W to 41°28'31.1"N 82°11'03.6"W (49/14 CG9)	9/15
★11491	38Ed. 6/12 LAST NM 2/15 (Side B) Add Depth 9 feet Obstn [K41] (NOS)	9/15 30°18'50.5"N 81°37'35.6"W	14846	14Ed. 11/10 LAST NM 1/15 (Page 6) Add Danger circle "Obstn" [K40] (Rep 2014) (PA) 41°42'11.4"N 83°26'56.4"W	9/15
★11503	45Ed. 4/13 LAST NM 7/15 Change Legend to "42 FT 2014" Legend to "15 FT 2014" (NOS)	9/15 30°40'41.5"N 81°27'49.4"W 30°40'44.2"N 81°27'59.1"W		(Page 7) Add Danger circle "Obstn" [K40] (Rep 2014) (PA) 41°42'11.4"N 83°26'56.4"W (50/14 CG9)	
			★14847	31Ed. 2/05 LAST NM 1/15 Add Danger circle "Obstn" [K40] (Rep 2014) (PA) 41°42'11.4"N 83°26'56.4"W (50/14 CG9)	9/15

SECTION I

★14905	31Ed. 1/07 LAST NM 38/14 (Inset Michigan City)	9/15	★18653	12Ed. 10/12 LAST NM 6/15 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 37/14-18653) (NOS)	9/15
Relocate	Light from 41°43'47.4"N 86°54'50.2"W to 41°43'48.2"N 86°54'50.1"W				
	Light from 41°43'36.5"N 86°54'58.5"W to 41°43'36.9"N 86°54'58.7"W				
	Light from 41°43'44.3"N 86°54'41.8"W to 41°43'44.0"N 86°54'41.6"W				
(49/14 CG9)					
14926	12Ed. 10/10 LAST NM 34/14 (Page 17)	9/15	★18654	45Ed. 1/11 LAST NM 5/15 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 37/14-18654) (NOS)	9/15
Relocate	Light from 41°43'47.4"N 86°54'50.1"W to 41°43'48.2"N 86°54'50.1"W				
	Light from 41°43'36.5"N 86°54'58.5"W to 41°43'36.9"N 86°54'58.7"W				
(49/14 CG9)					
★14965	23Ed. 1/15 NEW EDITION (NOS)	9/15	★18655	59Ed. 10/06 LAST NM 18/14 Relocate Light from 38°06'17.6"N 122°16'03.0"W to 38°06'16.6"N 122°16'03.4"W	9/15
Relocate	Superbuoy ODAS "46080" from 58°02.1'N 149°59.6'W to	57°55.6'N 149°51.9'W		Light from 38°06'17.3"N 122°16'03.0"W to 38°06'17.1'N 122°16'03.9"W	
(3/15 CG17)			Relocate	Light from 38°06'17.2"N 122°16'02.9"W to 38°06'16.6"N 122°16'03.4"W	
				Light from 38°06'17.6"N 122°16'03.1"W to 38°06'17.1'N 122°16'03.9"W	
(47/14 CG11)					
★16044	8Ed. 1/15 NEW EDITION (NOS)	9/15	★18664	12Ed. 8/26/00 LAST NM 34/08 Delete Light "A" 38°33'42.0"N 121°33'40.5"W Light "B" 38°33'42.7"N 121°33'34.3"W Light "C" 38°33'43.2"N 121°33'33.7"W (47/14 CG11)	9/15
★16045	8Ed. 1/15 NEW EDITION (NOS)	9/15	18740	44Ed. 7/13 LAST NM 6/15 Add Buoy ODAS Y, Fl Y 4s (Priv) 32°52.0'N 117°28.0'W Legend "(MRASS)" at light "3" 33°27.3'N 117°41.5'W Legend "(MRASS)" at light "2" 33°50.5'N 118°23.6'W Legend "(MRASS)" at light "3" 33°57.8'N 118°27.7'W (48/14 CG11)	9/15
★16594	14Ed. 1/15 NEW EDITION (NOS)	9/15	18741	20Ed. 12/1/12 LAST NM N5/15 Add Buoy ODAS Y, pillar, Fl Y 4s (Priv) 32°52.0'N 117°28.0'W Legend "(MRASS)" at light "3" 33°27.2'N 117°41.5'W Note No. 8 to NOTES in upper right margin of chart "8. Mariner Activated Sound Signal (MRASS) horns are activated by keying the microphone 5 times on VHF-FM Ch 81A. Horn will then operate for 30 minutes." (48/14 CG11)	N9/15
16645	20Ed. 11/11 LAST NM 34/13 Delete Beacon "3"	9/15			
Add	Buoy "3" G, can (5/15 CG17)	59°22'22"N 151°52'38"W			
★16646	14Ed. 11/11 LAST NM 29/12 (Inset Port Graham)	9/15	★18744	33Ed. 8/10 LAST NM 2/15 Add Legend "(MRASS)" at light "2" 33°50'30.7"N 118°23'38.9"W Legend "(MRASS)" at light "3" 33°57'46.3"N 118°27'42.6"W Note "MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the microphone 5 times on VHF-FM Ch 81A. HORN will operate for 30 minutes." (48/14 CG11)	9/15
Delete	Beacon "3"	59°22'23.4"N 151°52'32.9"W			
Add	Buoy "3" G, can (5/15 CG17)	59°22'22.1"N 151°52'38.1"W			
16680	11Ed. 7/08 LAST NM 27/09 Add Depth 16 fathoms (NOS)	9/15			
		59°51.9'N 148°24.7'W			
16700	32Ed. 4/12 LAST NM 30/14 Add Depth 16 fathoms (NOS)	9/15			
		59°51.9'N 148°24.7'W			
18000	8Ed. 8/21/93 LAST NM 6/15 Add Buoy Y, pillar, Fl Y 4s (48/14 CG11)	9/15			
		32°52.0'N 117°28.0'W			
18002	8Ed. 12/1/12 LAST NM N6/15 Add Buoy Y, pillar, Fl Y 4s (48/14 CG11)	N9/15			
		32°52.0'N 117°28.0'W			
18022	36Ed. 6/11 LAST NM 6/15 Add Buoy ODAS Y, Fl Y 4s (Priv) (48/14 CG11)	9/15	18746	39Ed. 6/13 LAST NM 5/15 Add Legend "(MRASS)" at light "3" 33°27'16"N 117°41'29"W (Inset) Add Legend "(MRASS)" at light "3" 33°27'15.7"N 117°41'29.7"W (48/14 CG11)	9/15
		32°52.0'N 117°28.0'W			
18649	68Ed. 6/13 LAST NM 6/15 Add Tabulation of controlling depths from Subsection I-2 (See 37/14-18649) (NOS)	9/15			

SECTION I

NM 9/15

18748	1Ed. 6/07 LAST NM 2/15 Add Legend "MRASS" at light "2" Legend "MRASS" at light "3"	9/15 33°50'30.7"N 118°23'38.9"W 33°57'46.1"N 118°27'42.5"W	19010 20Ed. 4/11 LAST NM 47/14 Delete Light and sector limit Change Light to Fl 4s 147ft 12M (4, 5/15 CG14)	9/15 20°30.1'N 156°40.0'W 19°50.8'N 155°05.0'W
	Note "MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the microphone 5 times on VHF-FM Ch 81A. HORN will operate for 30 minutes." (48/14 CG11)	33°56'32.0"N 118°23'24.5"W		
★18751	46Ed. 8/09 LAST NM 3/15 Change Characteristic of light to Q Characteristic of light to Q	9/15 33°45'57.4"N 118°13'20.5"W 33°45'59.1"N 118°13'21.2"W (47/14 CG11)		
18760	8Ed. 12/8/12 LAST NM N6/15 Add Buoy ODAS Y, pillar, Fl Y 4s (Priv)	N9/15 32°52.0'N 117°28.0'W (48/14 CG11)		
★18762	16Ed. 12/09 LAST NM 25/14 Delete Light and obscured sector	9/15 32°49'59.7"N 118°22'59.9"W (48/14 CG11)		
★18765	17Ed. 11/10 LAST NM 5/15 Add Buoy ODAS Y, Fl Y 4s (Priv)	9/15 32°52'00"N 117°28'00"W (48/14 CG11)		
18766	7Ed. 11/26/83 LAST NM 37/14 Delete Light	9/15 32°49'59"N 118°23'00"W		
	Add Buoy ODAS Y, pillar, Fl Y 4s (Priv)	32°52'00"N 117°28'00"W (48/14 CG11)		
18768	6Ed. 12/1/12 LAST NM N37/14 Add Buoy ODAS Y, pillar, Fl Y 4s (Priv)	N9/15 32°52.0'N 117°28.0'W (48/14 CG11)		
18774	12Ed. 7/11 LAST NM 33/14 Delete Light and obscured sector	9/15 32°49'59"N 118°23'00"W		
	Add Buoy ODAS Y, Fl Y 4s (Priv) Legend "MRASS" at light "3"	32°52'00"N 117°28'00"W 33°27'16"N 117°41'30"W		
	Note "MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the microphone 5 times on VHF-FM Ch 81A. HORN will operate for 30 minutes." (48/14 CG11)	33°19'22"N 117°27'20"W		
19002	11Ed. 9/25/10 LAST NM N50/14 Delete Light	N9/15 20°30.1'N 156°40.0'W		
	Change Light to Fl 12M (4, 5/15 CG14)	19°50.8'N 155°05.2'W		
19004	39Ed. 11/10 LAST NM 50/14 Delete Light	9/15 20°30.1'N 156°40.0'W		
	Change Light to Fl 4s 147ft 12M (4, 5/15 CG14)	19°50.8'N 155°05.0'W		
19007	18Ed. 12/06 LAST NM 50/14 Delete Light	9/15 20°30.1'N 156°40.0'W		
	Change Light to Fl 4s 147ft 12M (4, 5/15 CG14)	19°50.8'N 155°05.0'W		
19008	5Ed. 1/19/08 LAST NM 50/14 Delete Light	9/15 20°30.1'N 156°40.0'W		
	Change Light to Fl 12M (4, 5/15 CG14)	19°51.2'N 155°05.4'W		
19010	20Ed. 4/11 LAST NM 47/14 Delete Light and sector limit Change Light to Fl 4s 147ft 12M (4, 5/15 CG14)	9/15 20°30.1'N 156°40.0'W 19°50.8'N 155°05.0'W		
19013	19Ed. 10/10 LAST NM 50/14 Delete Light and sector limit (4/15 CG14)	9/15 20°30.1'N 156°40.0'W		
★19320	17Ed. 2/08 LAST NM 47/14 Delete Light	9/15 20°30.1'N 156°40.0'W		
	Change Light to Fl 4s 147ft 12M (4, 5/15 CG14)	19°50.8'N 155°05.0'W		
19339	2Ed. 5/6/06 LAST NM N43/14 Delete Light and sector limit (4/15 CG14)	N9/15 20°30.1'N 156°40.0'W		
19340	27Ed. 3/08 LAST NM 43/14 Delete Light and sector limit (4/15 CG14)	9/15 20°30.1'N 156°40.0'W		
★19347	19Ed. 6/14 LAST NM 49/14 Delete Light and sector limit (4/15 CG14)	9/15 20°30'08"N 156°39'59"W		
23142	11Ed. 6/28/14 LAST NM N3/15 Add Light Mo(K) 15s	N9/15 37°55'35"S 57°31'31"W		
	Submarine pipeline (outfall) [L41.1] between 37°55'35"S 57°31'30"W 37°56'24"S 57°29'10"W			
	Entry prohibited area [N2.2] bound by shore and purple composite line joining 37°55'05"S 57°31'24"W 37°56'11"S 57°28'17"W 37°57'06"S 57°28'45"W 37°56'02"S 57°31'39"W (1/27/15 Buenos Aires)			
24050	12Ed. 10/20/12 LAST NM N8/15 Delete Dashed line and legend "SOUTHEAST EXTENSION" between	N9/15 35°09.4'S 57°00.6'W 35°28.4'S 56°34.5'W		
	Buoy "Km 196" (1/26/15 Buenos Aires)	35°28.4'S 56°34.5'W		
24055	7Ed. 12/8/12 LAST NM N8/15 Delete Dashed line and legend "CANAL PUNTA INDIO SOUTHEAST EXTENSION" between	N9/15 35°09.4'S 57°00.6'W 35°22.5'S 56°42.7'W (1/26/15 Buenos Aires)		
*44000	17Ed. 12/20/14 NEW EDITION (NGA)	9/15		
44015	9Ed. 10/3/09 LAST NM 7/15 Substitute Depth 63 meters Wk [K26] for 64 meters Wk	9/15 54°27.8'N 19°12.5'E		
	Add Depth 96 meters Wk [K26] Depth 96 meters Wk [K26] Depth 86 meters Wk [K26] Depth 83 meters Wk [K26] Depth 56 meters Wk [K26] Depth 43 meters Wk [K26] Depth 24 meters Wk [K26] (7/178, 179), 8(196, 197, 200-203)14 Gdynia)	54°45.4'N 19°10.3'E 54°44.6'N 19°11.6'E 54°46.5'N 18°51.4'E 54°47.2'N 18°47.3'E 54°46.1'N 18°44.3'E 54°25.4'N 19°14.3'E 54°48.3'N 18°37.6'E		
44120	9Ed. 12/14/13 LAST NM N7/15 Add Depth 4 meters Wk [K26]	N9/15 54°12.4'N 15°41.1'E		
	"Numerous Rocks" area bound by dashed line joining (6/152), 8(204)14 Gdynia)	54°12.0'N 15°16.5'E 54°12.0'N 15°20.0'E 54°11.0'N 15°20.0'E 54°11.0'N 15°16.5'E		

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44140	10Ed. 2/15/14 LAST NM N7/15 Add Depth 83 meters Wk [K26] Depth 56 meters Wk [K26] Depth 24 meters Wk [K26] (8(201-203)14 Gdynia)	N9/15 54°47.2'N 18°47.3'E 54°46.1'N 18°44.3'E 54°48.3'N 18°37.6'E	54224 3Ed. 8/14/10 LAST NM 19/12 Delete Beacon Buoy Buoy	9/15 43°30'17.3"N 16°25'52.2"E 43°30'15.1"N 16°25'48.8"E 43°30'10.7"N 16°25'45.8"E
44243	2Ed. 8/3/96 LAST NM 46/14 Delete Depth 32 meters Depth 2.7 meters	9/15 63°57'22"N 22°26'48"E 63°43'11"N 22°36'21"E	Change Characteristic of light to Fl(2) G 4.5s Characteristic of light to Fl(3) 8s	43°29'56.5"N 16°27'30.9"E 43°29'20.1"N 16°23'31.5"E
	Substitute Depth 4.2 meters for 4.7 meters	63°44'49"N 22°33'26"E	Add Light Fl(2) 20s 54m 10M	43°30'03.0"N 16°26'36.0"E
	Add Depth 23 meters Depth 1 meter Rk [K14.1] (26(662, 664)06, 24-25(443)07 Helsinki)	63°57'22"N 22°27'10"E 63°43'13"N 22°36'26"E	(Plan A) Delete Beacon Buoy Buoy	43°30'17.3"N 16°25'52.2"E 43°30'15.1"N 16°25'48.8"E 43°30'10.7"N 16°25'45.8"E
44321	6Ed. 9/3/94 LAST NM 49/10 Relocate Buoy from 59°54'23"E to (24-25(435)07 Helsinki)	9/15 59°54'28"N 22°39'30"E	Add Light Fl(2) 20s 54m 10M (3(6), 4(10), 5(5, 6)13 Split; UKHO ARCS 269-6)	43°30'03.0"N 16°26'36.0"E
44430	3Ed. 5/15/10 LAST NM 7/15 Delete Wreck	9/15 54°44.8'N 19°10.0'E	54225 2Ed. 7/8/95 LAST NM 41/09 Add Submarine pipeline [L41.1] between	9/15 42°46'36.6"N 17°52'00.0"E 42°46'30.6"N 17°51'24.0"E (3(7)13 Split)
	Substitute Depth 63 meters Wk [K26] for 64 meters Wk	54°27.8'N 19°12.5'E	63062 8Ed. 5/19/07 LAST NM 8/15 Delete Anchorage area in vicinity	9/15 22°31.8'N 69°45.3'E
	Add Depth 96 meters Wk [K26] Depth 96 meters Wk [K26] Depth 86 meters Wk [K26] Depth 83 meters Wk [K26] Depth 56 meters Wk [K26] Depth 43 meters Wk [K26] Depth 24 meters Wk [K26] Stranded wreck [K24] (PA) AIS [S17.2] to buoy "ZN" (6(150), 7(178, 179), 8(196, 197, 199-203)14 Gdynia)	54°44.6'N 19°11.6'E 54°45.4'N 19°10.3'E 54°46.5'N 18°51.4'E 54°47.2'N 18°47.3'E 54°46.1'N 18°44.3'E 54°25.4'N 19°14.3'E 54°48.3'N 18°37.6'E 54°24.8'N 19°32.0'E 54°36.8'N 19°06.1'E	Add "Fairway Anchorage" area [N12.3] bound by purple dashed line joining 22°32.6'N 69°44.8'E 22°32.0'N 69°45.8'E 22°30.5'N 69°45.8'E 22°30.5'N 69°44.8'E (See 37/10-63062) (20(176)14 Dehra Dun)	22°31.8'N 69°45.3'E
54095	3Ed. 9/14/02 LAST NM 7/15 Change Characteristic of light to Fl(3) 8s (3(6)13 Split)	9/15 43°29.3'N 16°23.5'E	63070 4Ed. 5/26/07 LAST NM 7/15 Relocate Buoy "Fairway" from 22°32.0'N 69°45.5'E to (20(176)14 Dehra Dun)	9/15 22°32.8'N 69°45.3'E
54105	3Ed. 8/31/02 LAST NM 7/15 Change Characteristic of light to Fl(3) 8s (3(6)13 Split)	9/15 43°29.3'N 16°23.5'E	63091 4Ed. 3/12/83 LAST NM 32/14 Add Foul ground symbol [K31.1] Foul ground symbol [K31.1] (5(59), 20(177)14 Dehra Dun)	9/15 21°42.8'N 72°28.4'E 21°35.9'N 72°25.4'E
54195	3Ed. 9/3/05 LAST NM 11/12 Add Light Fl(2) R 5s 9m 3M (1(4)14 Split)	9/15 43°31'12"N 15°58'17"E	63280 4Ed. 5/12/12 LAST NM N36/12 Add Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20]	N9/15 16°15.8'N 82°10.2'E 16°15.6'N 82°10.7'E 16°15.2'N 82°10.7'E 16°14.7'N 82°11.0'E 16°13.3'N 82°10.8'E 16°20.4'N 81°59.3'E
54200	4Ed. 9/11/93 LAST NM 11/12 Delete Light	9/15 43°29'47"N 16°12'11"E	Submarine pipeline [L40.1] joining	16°13.3'N 82°10.8'E 16°15.8'N 82°10.2'E 16°25.2'N 81°59.8'E
	Change Characteristic of light to Fl(3) 8s (7(6)12, 3(6)13 Split)	43°29'18"N 16°23'30"E	Submarine pipeline [L40.1] joining	16°20.4'N 81°59.3'E 16°22.6'N 82°00.2'E 16°22.7'N 82°01.2'E (4(52)14 Dehra Dun)
54201	6Ed. 6/3/95 LAST NM 18/10 Delete Light	9/15 43°29'51"N 16°12'14"E	63290 8Ed. 5/19/12 LAST NM N35/13 Add Submarine pipeline [L40.1] between	N9/15 16°25.0'N 82°00.0'E 16°20.0'N 82°05.7'E (4(52)14 Dehra Dun)
	Change Characteristic of light to Fl(2) G 4.5s Characteristic of light to Fl(3) 8s	43°29'59"N 16°27'29"E 43°29'18"N 16°23'30"E	63351 4Ed. 6/23/84 LAST NM 6/12 Add Buoy "No 1" G, pillar, cone topmark, Fl G 2s Buoy "No 2" R, pillar, can topmark, Fl R 2s Buoy "No 3" G, pillar, cone topmark, Fl G 2s Buoy "No 4" R, pillar, can topmark, Fl R 2s	9/15 19°29'52"N 93°19'56"E 19°30'07"N 93°20'01"E 19°29'40"N 93°20'46"E 19°29'55"N 93°20'50"E
54223	2Ed. 1/21/95 LAST NM 19/12 Delete Light	9/15 43°29'51"N 16°12'14"E		
	Change Characteristic of light to Fl(2) G 4.5s Characteristic of light to Fl(3) 8s	43°29'59"N 16°27'29"E 43°29'18"N 16°23'30"E		
	Add Buoy G, pillar, cone topmark, Fl G 3s (7(6)12, 3(6)13, 4(10)14 Split)	43°29'48"N 16°12'05"E		

(continued on next page)

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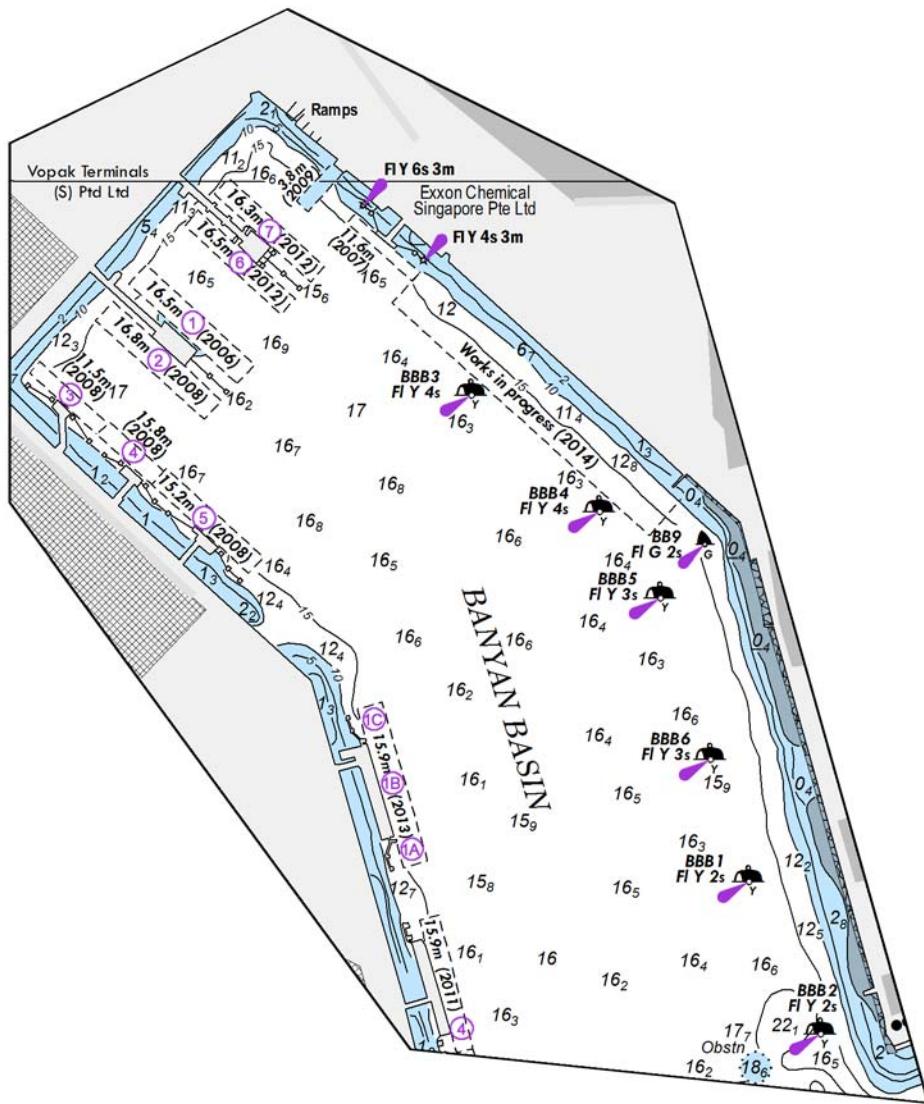
63351	(Continued)					
	Buoy "No 5" G, pillar, cone topmark, Fl G 2s 19°29'20"N 93°22'10"E					N9/15
	Buoy "No 6" R, pillar, can topmark, Fl R 2s 19°29'35"N 93°22'14"E					
	Buoy "No 7" G, pillar, cone topmark, Fl G 2s 19°29'00"N 93°23'32"E					
	Buoy "No 8" R, pillar, can topmark, Fl R 2s 19°29'16"N 93°23'37"E					
	Buoy "No 9" G, pillar, cone topmark, Fl G 2s 19°28'40"N 93°24'56"E					
	Buoy "No 10" R, pillar, can topmark, Fl R 2s 19°28'56"N 93°25'00"E					
	(14(131)14 Dehra Dun)					
63353	4Ed. 3/29/97 LAST NM 21/97 Add	9/15				
	Buoy "No 1" G, pillar, cone topmark, Fl G 2s 19°29'52"N 93°19'56"E					
	Buoy "No 2" R, pillar, can topmark, Fl R 2s 19°30'07"N 93°20'01"E					
	Buoy "No 3" G, pillar, cone topmark, Fl G 2s 19°29'40"N 93°20'46"E					
	Buoy "No 4" R, pillar, can topmark, Fl R 2s 19°29'55"N 93°20'50"E					
	Buoy "No 5" G, pillar, cone topmark, Fl G 2s 19°29'20"N 93°22'10"E					
	Buoy "No 6" R, pillar, can topmark, Fl R 2s 19°29'35"N 93°22'14"E					
	Buoy "No 7" G, pillar, cone topmark, Fl G 2s 19°29'00"N 93°23'32"E					
	Buoy "No 8" R, pillar, can topmark, Fl R 2s 19°29'16"N 93°23'37"E					
	Buoy "No 9" G, pillar, cone topmark, Fl G 2s 19°28'40"N 93°24'56"E					
	Buoy "No 10" R, pillar, can topmark, Fl R 2s 19°28'56"N 93°25'00"E					
	(Plan A) Add					
	Buoy "No 9" G, pillar, cone topmark, Fl G 2s 19°28'40.2"N 93°24'55.8"E					
	Buoy "No 10" R, pillar, can topmark, Fl R 2s 19°28'55.8"N 93°25'00.0"E					
	(14(131)14 Dehra Dun)					
63370	2Ed. 11/3/07 LAST NM 8/15 Delete Light	9/15	12°17.4'N 92°54.3'E			
	(14(130)14 Dehra Dun)					
71253	12Ed. 1/19/13 LAST NM N7/15 Add	N9/15				
	Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 1°15'36.6"N 103°41'18.7"E (UKHO ARCS 4031-0)					
72142	6Ed. 3/30/85 LAST NM 10/14 Add	9/15				
	Drying height 0.1 fathoms [I15], drying tint and enclosing depth contour (0-fathoms) 4°09'52"N 117°55'41"E					
	Drying height 0.1 fathoms [I15], drying tint and enclosing depth contour (0-fathoms) 4°09'28"N 117°56'24"E					
	Drying height 0.1 fathoms [I15], drying tint and enclosing depth contour (0-fathoms) 4°06'45"N 117°57'37"E (UKHO ARCS 2099-0)					
*81715	5Ed. 7/24/10 LAST NM 35/14 Delete Buoy "4" (4/15 CG14)	9/15	8°59'35"N 167°36'39"E			
800113	6Ed. 1/24/09 LAST NM N41/10 Delete Light (4/14 CG11)	N9/15	32°49'59.7"N 118°23'00.0"W			
800273	2Ed. 12/29/90 LAST NM N27/12 Delete Light (4/15 CG14)	N9/15	20°30'10"N 156°39'59"W			
800669	9Ed. 1/17/09 LAST NM N25/14 Delete Light (4/14 CG11)	N9/15	32°50'01"N 118°23'01"W			

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Chart 71253

NM N9/15



SECTION I

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Chart 18649

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RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) MLLW (FEET)
SOUTHAMPTON SHOAL CHANNEL	43	45	45	43	6-14	600	1.1 45
RICHMOND HARBOR							
ENTRANCE CHANNEL	34	35	35	35	9-14	600-550	1.0 38
POINT POTRERO REACH	32	35	35	33	9-14	500-600	1.4 38
POINT POTRERO TURN	35	36	36	35	9-14	600-1250	0.6 38
HARBOR CHANNEL	35	36	37	35	9-14	850-200	0.5 38
SANTA FE CHANNEL	27	29	29	27	11-12	200	0.5 38-30
TURNING BASIN	26	28	27	18	11-12	200-500	0.16 30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18653

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RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) MLLW (FEET)
SOUTHAMPTON SHOAL CHANNEL	43	45	45	43	6-14	600	1.1 45
RICHMOND HARBOR							
ENTRANCE CHANNEL	34	35	35	35	9-14	600-550	1.0 38
POINT POTRERO REACH	32	35	35	33	9-14	500-600	1.4 38
POINT POTRERO TURN	35	36	36	35	9-14	600-1250	0.6 38
HARBOR CHANNEL	35	36	37	35	9-14	850-200	0.5 38
SANTA FE CHANNEL	27	29	29	27	11-12	200	0.5 38-30
TURNING BASIN	26	28	27	18	11-12	200-500	0.16 30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18654

NM 9/15

PINOLE SHOAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) MLLW (FEET)	
CHANNEL ENTRANCE							
TO LT. 11	34.0	35.0	33.0	8-9-14	600	5.1 35	
THENCE TO 38°03'31"N, 122°17'08"W	34.0	35.0	35.0	9-14	600	2.2 35	

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 30/14 THROUGH NM 9/15**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
50	7	32,42/14	11348	23	40/14;4/15	11489	39	32,43,45/14;1,5/15	12274	36	30,46/14
51	1	32/14	11349	46	34,36,40,46,47,51/14;4, 6/15	11490	20	43,47/14;1,2/15	12277	36	49/14*
52	1	49/14	11351	43	34,46/14	11491	38	39,44,47/14;2,9/15	12278	79	7/15*
62	3	38/14	11352	42	36,40,46,48/14;6/15	11493	10	N32,N47/14	12280	11	30,34,35,36,41,45,47, 51/14;1,6/15
108	9	35,42/14	11353	7	34,44,47,50,51/14	11494	9	N45,N47/14	12281	55	48/14*
124	10	42/14	11355	30	5/14	11496	11	N33,N43,N47,N49/14; N1,N5/15	12282	36	36,44/14
145	16	34/14	11356	41	43*,47,51/14;3/15	11502	34	35,45/14;5/15	12283	29	43/14*
301	1	39/14	11357	43	7/15*	11503	45	32,35,45,47/14;5,7,9/15	12284	17	2/15*
400	3	35,40,42/14	11358	58	36*,48,51/14;3,4,6,8/15	11504	18	32/14	12285	41	45/14;4,5,6/15
401	5	35,40/14	11359	14	46/14;2,4/15	11505	5	3*,5/15	12286	32	9/15*
402	4	42/14	11360	44	34,36,40,46,48,50,51/14; 6/15	11506	45	35,42,45/14	12287	19	3/15*
411	54	35,40,43,45,48,49/14;1,4, 6/15	11361	77	40,44,46,47,51/14;7/15	11508	22	5/15	12288	21	45/14
502	2	30/14	11362	6	N47*,N48,N50,N51/14; N2,N4,N7/15	11509	32	5/15	12289	50	5/15
503	4	2/15	11363	44	34,36,44,47,50,51,52/14; 4/15	11510	20	5/15	12300	49	30,34,35,39,46/14;2/15
504	4	32/14	11364	45	5/15*	11511	18	5/15	12301	23	N30,N34,N35,N39, N46/14;N2/15
505	2	46/14	11365	23	34,36,40,46,14;4/15	11512	64	3*,5/15	12304	47	49/14*
506	2	49/14	11366	15	36,40,44,48,51,52/14;2,4, 6,7/15	11513	27	43,45/14	12311	46	36,46/14
507	2	49/14	11367	37	48/14*	11514	31	49/14*	12312	56	31,44,46/14;3/15
510	3	49/14	11368	51	36,40,44,46,47,50/14;2,4, 6,7/15	11515	18	7/15*	12313	53	31,34,44/14
520	127	30/14	11369	38	36,40,44,46,47,50/14;2,4, 6,7/15	11516	32	43/14	12316	35	32,47/14
521	11	33/14	11370	29	36,40,47/14	11517	18	33/14	12323	26	33/14;2/15
522	87	49/14	11372	35	36,44,50/14	11518	38	32,33,35,42,45,49/14; 9/15	12324	35	30,31,33,34,35/14
524	12	49/14	11373	51	36,40,44,46,47,50/14;2,4, 6,7/15	11519	13	47/14*	12325	5	7/15*
525	3	49/14	11374	37	36,40,44,46,47/14;6,7/15	11520	45	37,42,43/14;1/15	12326	52	30,31,32,34,35,39,42,45, 46,49/14
530	33	32,40,41,42,43,50/14; 9/15	11375	38	36,40,44,46,47/14;6,7/15	11521	30	32,35,45,47/14	12327	106	32,34,36,45,50/14
531	24	40/14	11376	57	32,36,40,44,46,47,51/14; 7/15	11522	21	33/14	12331	33	7/15*
540	19	32,33,41,43,50/14;9/15	11377	10	32,36,46,47,51/14;7/15	11523	25	44/14**	12332	24	32,50/14
541	2	46/14	11378	38	36,40,46,47,51/14;7/15	11524	53	33,35,42,45,49/14;2,9/15	12333	37	35,50/14;6/15
608	2	38/14	11379	3	48/14*	11525	8	N37,N42,N43,N44/14; N1/15	12334	72	35,36/14
703	4	7/15	11380	42	36/14	11526	11	9/15*	12335	45	30,36/14
705	3	7/15	11382	34	36/14	11528	1	44*,47/14	12337	24	39/14
706	4	7/15	11383	54	36,47/14	11532	22	35,39/14	12339	47	30/14;6/15
1113A		32,35,39,43/14;7/15	11384	38	36/14	11534	38	44/14;1/15	12343	20	44,49/14
1114A		32/14;7,9/15	11385	28	7/15*	11536	20	9/15*	12347	31	35/14
1115A		34,36,40,46,48,50,51/14; 2,4,7/15	11386	34	44,46/14	11537	39	45,47/14;1/15	12348	34	41/14
1116A		3*,4,6,7,8/15	11390	25	46/14	11539	20	3/15*	12350	60	32/14
1117A		36,44,46,51,52/14;3,6, 7/15	11392	8	1/15*	11541	40	34,43/14	12352	34	39,45,46,49/14;3/15
11004	9	41*,44,48,51/14;2,4,6, 7/15	11400	36	32/14;7,9/15	11542	19	44/14*	12354	44	30,41,48/14;3/15
11006	34	35,39,40,43,46,48/14;2,4, 6/15	11406	14	9/15*	11543	24	35,37,43/14;1/15	12358	21	48/14;3/15
11009	39	43,45,49/14;1,5/15	11407	19	9/15	11544	41	1/15	12363	41	34,44/14
11013	48	35,39,43,45/14	11408	29	32/14;9/15	11545	65	34/14;1,4/15	12364	39	34,44/14
11299	1	N50/14	11412	46	43,49/14	11547	39	34/14;1,4/15	12365	28	49/14*
11300	43	36,44,46,51,52/14;3,6, 7/15	11415	10	43/14;7/15	11552	21	49/14*	12366	30	48/14*
11301	26	36,47/14;3/15	11424	20	32/14	11553	30	49/14*	12369	27	7/15*
11302	34	47/14	11425	39	32/14	11555	41	42/14	12372	36	30,32,41,42/14
11305	2	N40,N47,N50/14	11429	23	35/14	12200	51	36*,42,43,47/14;1/15	12373	15	32/14
11308	25	7/15*	11430	27	35/14	12201	27	N42,N43,N47/14;N1/15	12374	15	7/15*
11309	41	40,50/14;4/15	11432	15	8/15*	12204	38	42/14	12375	22	30,41/14
11310	2	N50/14	11434	29	35,39,43/14	12205	33	36,42/14	12401	11	30,35,41/14
11311	25	48/14*	11435	15	N35,N39,N43/14	12206	34	35/14	13000	1	N32/14
11312	5	50/14	11439	27	35,39,43/14	12207	24	47/14*	13003	51	32,43,45/14;2/15
11313	24	4/15	11441	42	35/14;9/15	12208	16	36,47/14	13006	36	32,39,45,46/14;2/15
11316	42	34,50/14;3,8/15	11442	36	35,39/14	12210	39	47/14;1/15	13009	36	49/14*
11317	33	48*,50/14	11445	31	39/14	12211	45	1/15	13200	38	45/14
11318	2	N40,N47,N50/14;N4/15	11446	33	35/14;9/15	12214	49	47/14	13201	12	N45/14
11321	30	46/14;3/15	11450	11	35,39/14	12216	29	47/14	13203	14	45/14
11322	33	47/14	11451	35	33,35,44/14	12221	82	35,36,41,43,47/14	13204	14	36*,45/14
11323	65	46,48,50/14;8/15	11452	23	2/15*	12222	54	35,36,41,47/14;4/15	13205	40	49*,52/14
11324	38	40,44,48,50/14	11460	43	33,35,39,44,45/14;5/15	12223	30	6/15	13209	27	48/14*
11325	40	47,52/14	11461	5	35,39/14	12223	38	37,45/14;4,6/15	13212	39	30,32/14
11326	39	44,48,50/14;6/15	11462	27	35/14	12225	34	52/14;1/15	13213	43	42,45/14
11327	36	32,44,47,50/14;6/15	11463	19	35/14	12226	19	44/14*	13214	30	45/14
11328	27	44,47/14;6/15	11464	18	48/14*	12228	33	1,6/15	13215	21	2/15*
11329	39	36,47/14	11465	39	33,44/14	12243	14	35,44/14	13216	1	N30/14
11330	22	32,34,40,44,46,47,48,51, 52/14;3,7/15	11466	39	44/14;5/15	12245	68	41,47/14;4/15	13217	17	30/14
11331	22	47/14	11467	43	33,44/14	12248	44	51/14;3,4/15	13218	42	30,32,35,36,45,52/14
11332	33	34,36,40,46,47,50/14; 8/15	11469	9	44/14	12251	24	4/15	13219	14	47*,52/14
11339	4	40,46,48,50,51/14;4/15	11472	36	45/14;5/15	12253	47	35/14	13221	60	35/14;3,5/15
11340	78	3*,4,6,7,8/15	11474	11	45/14	12254	49	35,36,41,47/14	13224	40	5/15
11341	44	34,36,40,46,47,48,50/14; 8/15	11476	23	48/14*	12255	18	2/15*	13225	34	5/15
11342	55	34,47,50/14	11477	6	N33,N45,N47/14	12256	18	35,36,41,47/14	13226	8	3/15
11343	39	46,47/14	11478	24	7/15*	12261	30	45/14	13227	15	3/15
11344	40	3*,6,8/15	11479	6	N33,N44,N45/14;N5/15	12263	56	35,36,51/14	13229	32	32,36,45,49/14
11345	44	34,36,40,46,47,48,50/14;	11480	41	33,43,47,49/14;1,5/15	12264	32	33/14	13230	51	49/14*
11346	55	34,47,48,50/14	11481	9	7/15*	12266	31	32,51/14	13232	5	32,36/14
11347	39	46,47/14	11482	24	33/14	12270	36	35,36,44/14	13237	42	45,49/14
11348	40	34,36,40,46,47,48,50/14;	11483	37	7/15*	12272	32	34/14	13246	40	42/14
11349	44	34,36,40,46,47,48,50/14;	11484	28	43,47,49/14;1/15	12273	59	36*,46/14	13260	41	30/14
11350	40	40,46,50,51/14;4,8/15	11485	37	7/15*				13263	9	N30/14
11351	40	40,46,50,51/14;4,8/15	11486	28	43,47,49/14;1/15	12274	36	32,36,45,49/14	13267	36	32/14
11352	39	46,47/14	11487	9	7/15*	12275	32	34/14	13272	52	30/14
11353	40	3*,6,									

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 30/14 THROUGH NM 9/15

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
13279	34	31/14	16204	7	8/15*	18003	20	34,40,42/14;5/15	18757	11	37/14
13282	12	46/14	16300	10	37/14	18005	6	N6/15	18760	8	N30,N35,N36,N49/14; N2,N5,N6,N9/15
13283	23	7/15*	16304	3	37/14	18006	5	N6/15	18761	4	N41/14*
13286	32	30,41,49/14	16305	11	8/15*	18007	33	34,40,42,45/14;5/15	18762	16	9/15
13287	13	30/14	16322	9	30/14*	18008	9	N41*,N42,N45/14;N5/15	18765	17	30,36,37/14;5,9/15
13288	43	31,32/14	16380	15	37/14	18009	4	N32,N45/14	18766	7	30,36,37/14;9/15
13290	39	31,32,36/14	16382	11	37/14	18010	22	32,45/14;5/15	18768	6	N30,N36,N37/14;N9/15
13292	41	44/14*	16433	9	48/14*	18020	39	30,35,36/14;2,5,6/15	18772	48	30,35,36,37/14;5/15
13298	11	31/14	16434	7	8/15*	18022	36	30,35,36,45/14;2,5,6, 9/15	18773	43	30,35,37,49/14;5/15
13301	21	31/14	16435	7	31/14*				18774	12	30,33/14;9/15
13302	23	30,34/14	16436	11	43/14*	18400	49	37/14	19002	11	N32,N37,N41,N43,N47, N50/14;N9/15
13303	13	30/14	16442	8	49/14*	18421	51	37/14	19004	39	32,37,41,43,47,50/14; 9/15
13305	29	30,34/14	16446	9	47/14*	18423	38	37/14;5/15	19007	18	32,41,43,50/14;9/15
13308	13	34/14	16477	8	49/14*	18424	28	5/15	19008	5	32,41,43,50/14;9/15
13315	13	2/15*	16500	10	43/14	18427	24	37/14	19010	20	37,41,43,47/14;9/15
13316	24	47/14*	16511	8	49/14*	18429	11	38/14*	19013	19	32,43,50/14;9/15
13326	14	3/15*	16513	6	49/14*	18430	9	37/14	19320	17	37,41,47/14;9/15
14003	6	32,43,45/14	16514	5	43/14*	18431	9	36*,37/14	19324	23	47*,48/14
14820	21	32/14	16515	8	40/14*	18440	30	38/14	19326	7	47/14*
14823	31	32,34/14	16518	7	34/14*	18441	47	38/14;5/15	19327	11	37,41/14
14830	32	32,38/14	16520	23	31,43/14	18444	17	52/14	19330	11	39/14
14832	35	38/14;5,9/15	16528	18	31,43/14	18445	34	38,51/14;5/15	19331	8	47/14*
14833	27	38/14;5,9/15	16547	10	48/14*	18449	20	3/15*	19339	2	N32,N37,N43/14;N9/15
14836	28	38/14	16549	17	49/14*	18450	19	45/14	19340	27	32,37,43/14;9/15
14838	4	32,34/14	16551	11	48/14*	18452	17	51/14	19347	19	49/14*;9/15
14839	37	1,9/15	16576	4	37/14;1/15	18464	25	5/15	19351	11	37,43/14
14841	29	38/14;9/15	16580	14	31,37/14;1/15	18471	11	5/15	19357	25	32,46,52/14;4/15
14842	15	32,38/14	16587	3	43/14*	18473	8	38/14;5/15	19359	12	46,52/14
14844	32	32,38/14	16590	12	3/15*	18474	10	44*,51/14;5/15	19366	37	33/14;4/15
14846	14	32,33,38/14;1,9/15	16591	10	48/14*	18477	5	5/15	19367	41	43/14*
14847	31	33,38/14;1,9/15	16592	11	48/14*;1/15	18500	30	34,38/14;5/15	19369	7	4/15
14848	58	38/14;5,6/15	16593	12	47/14*	18502	87	38/14	19379	2	N32,N50/14
14850	54	51/14	16594	14	9/15*	18504	66	5/15	19380	15	32,50/14
14852	46	38,51/14	16595	16	39,41/14	18520	27	34,42/14;3,5/15	19381	9	50/14
14853	17	38,51/14;5,6/15	16596	13	41/14	18521	75	5/15	19383	18	50/14
14860	36	38/14;3/15	16597	9	41/14	18523	58	37/14	19384	9	48/14*
14862	28	38/14	16601	11	47/14*	18524	37	5/15	19481	12	40/14
14863	32	38/14	16604	12	49/14*	18525	37	37,46/14;7/15	19482	10	40/14
14865	17	38/14	16605	10	47/14*	18526	60	37,46/14;5,7/15	21023	41	35/14
14867	27	45/14	16645	20	9/15	18531	23	5,7/15	21033	46	33,34/14;8/15
14880	33	49/14*;3,6/15	16646	14	9/15	18556	26	5/15	21140	1	30,36,37/14
14881	34	49/14*;6/15	16662	9	43/14	18558	39	42/14	21483	2	33/14
14882	36	6/15	16680	11	9/15	18580	23	42/14	21489	2	33/14
14883	44	38/14;1/15	16700	32	30/14;9/15	18581	19	46/14	21500	1	31/14
14884	40	38/14	16709	25	30/14	18583	40	46/14;3/15	21525	22	41/14
14885	22	49/14*	16723	16	1/15*	18587	71	41/14	21526	6	N34/14
14886	12	3/15*	16762	10	47/14*	18588	37	46/14	21560	33	31/14
14887	1	38/14	17003	4	40/14	18620	24	32,45/14;5/15	21601	4	52/14
14901	15	38/14;3/15	17005	10	41/14**	18622	55	37/14;5/15	21603	10	33/14
14902	29	34,38/14;3/15	17010	1	N41/14*	18623	12	32/14;5/15	22012	31	44/14
14904	27	7/15	17301	9	8/15*	18640	26	32,45/14;5/15	22032	20	34/14
14905	31	34,38/14;9/15	17303	11	34/14*	18645	28	35,45/14;5/15	22036	28	34/14
14908	18	7/15	17314	13	6/15*	18647	16	45/14;5/15	22040	1	34/14
14909	20	34/14	17315	25	47/14	18649	68	30,33,37,45,49/14;6,9/15	22050	4	33,47,48/14;8/15
14910	23	38/14	17316	21	7/15*	18650	57	30,33,37,45,49/14	22051	19	33/14;5/15
14913	19	3/15	17321	10	48/14*	18651	45	37/14;5/15	22052	7	32,45,46,47,49/14;5/15
14915	26	32/14;6,7/15	17322	11	34/14*	18652	36	30,33,37,45,49/14;2,3,5, 6/15	22054	1	33/14;5/15
14919	28	38/14	17324	15	37,40/14	18653	12	35,37/14;6,9/15	22055	1	32,33,45,47,49/14;5/15
14922	20	34/14	17327	24	37,40/14	18654	45	37/14;2,3,5,9/15	22080	3	36/14
14924	29	45/14;3/15	17330	9	39/14	18655	59	9/15	22081	1	46,48,49,50/14
14926	12	34/14;9/15	17362	11	7/15*	18656	56	37,49/14	22082	5	46,48,49,50/14
14930	26	45/14;1/15	17363	14	34/14*	18657	19	37,49/14	22083	6	48,50/14
14933	25	38/14	17365	13	47/14*	18658	31	37/14	22084	4	36/14
14934	29	38/14	17367	12	43/14*	18659	16	37/14	22112	3	38,41,42,46,48/14
14938	24	6/15	17368	8	48/14*	18660	3	49/14	22113	8	39/14
14962	21	38/14	17375	22	37/14	18661	30	49/14	22114	5	38,42,44,45,46,47,48/14
14963	21	48/14*	17377	2	31/14*	18662	22	2/15	22117	3	38,41,42,44,46,48/14
14964	22	48/14*	17378	15	32/14*	18663	6	49/14	22120	3	34/14
14965	23	9/15*	17379	2	31/14*	18664	12	9/15	22121	10	N7/15*
14967	24	7/15*	17387	14	47/14*	18666	1	37/14	22125	2	39/14
14969	23	47/14*	17403	15	34/14*	18680	32	45/14;5/15	22134	1	N45/14*
14970	27	51/14*	17407	16	8/15*	18686	14	5/15*	22138	3	34,45/14
14971	22	51/14*	17408	9	8/15*	18703	26	35/14	22172	9	N32,N48/14
14973	28	38/14	17409	11	8/15*	18720	34	30,49/14;2,5,6/15	22173	37	N32,N36,N47,N48/14
14974	25	38/14	17420	29	43/14	18724	3	30,45/14	22181	17	8/15
14975	36	45/14*	17426	16	48/14*	18725	30	30,45/14	22182	7	44/14
16013	30	31/14;9/15	17428	11	47/14	18740	44	30,35,36,37,49/14;2,3,5, 6,9/15	22205	2	34/14
16041	9	8/15*	17429	2	N47/14	18741	20	N30,N35,N36,N37, N49/14;N5,N9/15	22221	20	34,35/14
16042	8	8/15*	17430	12	47/14	18744	33	30/14;2,9/15	22225	2	34/14
16043	8	8/15*	17431	12	8/15*	18746	39	30,37/14;2,3,5,9/15	22234	2	N30/14
16044	8	9/15*	17433	12	34*,43/14	18748	1	30/14;2,9/15	22250	2	34/14
16045	8	9/15*	17435	17	34/14*	18749	43	37/14;2,3,5/15	22252	19	N34/14
16065	7	8/15*	17436	10	49/14*	18751	46	37/14;2,3,9/15	22263	2	35,41/14
16066	8	8/15*	17437	10	34/14*	18755	10	49/14	22264	3	41/14
16067	8	8/15*	18000	8	30,35,36/14;2,6,9/15						
16068	8	8/15*	18002	8	N30,N35,N36/14;N2,N6,						
16145	1	49/14*			N9/15						
16200	15	6/15*									

SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 30/14 THROUGH NM 9/15**

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22290	4	30,32,48/14	24486	1	8/15	36011	4	N34*,N52/14	44122	2	N41*,N42,N51/14
22293	15	30/14	24490	3	31,41,44,47,48/14	37005	18	N31/14	44123	2	N42/14*
22294	17	N30/14	24491	3	33,47/14	37010	25	N45/14	44140	10	N46,N47/14;N5,N7, N9/15
22305	2	51/14	24500	1	47/14	37025	26	30,40,41/14	44161	3	N48/14*
22311	19	46/14	24501	3	43,47/14	37027	4	N45/14*	44182	5	N52/14;N1,N5/14
22312	3	N51/14	24503	35	47/14	37032	2	30,31,49/14	44183	7	N41*,N52/14
22313	3	N35,N36/14	24504	7	34,43/14	37033	2	34,39,40,41,42,44/14	44224	1	46/14
22314	1	35,36/14	24507	1	30,34,43,51/14	37034	2	39,40,42/14	44240	9	N6/15*
22335	4	42,48,51/14	24508	4	30,42,43/14	37055	1	N46/14	44243	2	46/14;9/15
22341	9	42,51/14	24509	3	30,34,43,44,49,51/14	37059	2	N40/14*	44260	8	N6/15*
22342	9	42,49/14;4/15	24510	3	30,34,42,43,44,49,51/14	37066	10	N34/14*	44281	3	N49/14*
22343	2	N33/14	24511	2	50/14	37080	4	N38/14	44283	3	N41/14*
22346	1	33/14	24512	3	35/14	37120	3	34,14;2/15	44319	3	31,38,39,43/14
22347	6	N42,N49/14	24517	2	30,14;8/15	37129	7	N33,N34,N46/14	44320	5	N41*,N43/14
22352	7	N48/14	25001	7	42/14	37162	14	N30,N34,N45,N46/14	44321	6	9/15
22360	3	N32/14	25017	6	N42/14	37163	21	N30/14	44323	1	N34/14*
22370	2	48/14	25018	9	42/14	37164	6	N34/14	44324	1	N34/14*
22371	5	35/14	25400	2	30/14	37165	4	N31,N33,N34,N36/14	44326	1	N34/14*
22395	2	4/15	25487	5	N31/14*	37166	4	N34,N45/14	44340	13	N31,N39,N41,N43/14; N1/15
22397	1	N48/14;N4/15	25550	2	42/14	37221	14	33/14	44352	4	N32,N39,N41,N42/14
22405	7	N48,N51/14	25563	50	35,48/14	37222	14	N33,N45/14	44353	1	N30,N32,N40,N41/14
22410	33	N35/14*	25565	8	N41/14*	37223	15	31/14	44360	11	N48/14*
22418	2	34,35,38/14;4/15	25566	27	35,48/14	37224	12	N45/14	44361	8	N48/14*
22419	1	N51/14*	25570	3	45/14	37241	21	N30/14	44400	5	32,38,39,40,41,43/14; 2/15
22422	1	N30/14*	25600	47	35,42,44/14	37242	12	N45/14	44401	9	N2/15
22425	3	N47/14*	25609	5	42,47/14	37244	13	N2/15	44410	5	41,42,43,46/14
22428	1	N46/14*	25613	3	35/14	37248	20	N34,N46/14;N2/15	44420	7	42,43,46/14
22430	6	31/14	25640	45	42/14	37328	3	N41/14*	44430	3	46,47,49/14;3,5,6,7,9/15
22431	1	N51/14*	25641	29	42,44/14	37330	3	N38/14*	44446	1	N32,N47,N51/14;N1/15
22432	1	N46/14*	25647	12	31*,44/14	37362	7	N41/14*	44462	5	N49/14;N1,N2,N3,N5/15
22433	5	N42/14	25649	20	35,47/14	37446	3	N40/14	44463	10	N46,N47,N49/14;N1,N3, N5/15
22434	2	42/14	25661	12	7/15	37461	9	38,39,52/14	44465	4	N41*,N43,N47,N49/14;
22461	1	N52/14	25667	21	47/14*	37481	7	35/14	51007	22	4/15
22471	31	34,39/14	25670	44	2,7/15	37501	4	N32,N34,N39,N40, N42/14	51017	31	30,32,50/14
22481	36	N35/14*	25710	2	34/14	37505	2	32,34,38,39,40,42/14	51022	11	30/14
22492	3	34/14	25720	3	34/14	37506	4	31,32,40,42/14	51027	8	48/14
23010	4	8/15	25723	40	34/14	38103	N47/14	51041	3	32/14	
23023	4	46/14;4/15	26042	4	N41/14*	38105	N47/14	51062	28	32/14	
23030	6	36/14	26060	1	31/14	38603	3	N4/15	51100	7	34,35,39,40,42/14;4/15
23101	5	46/14	26065	4	31/14	38604	2	N47/14	51103	10	35,38,40/14
23102	7	N46/14	26066	13	30,31,52/14;5/15	38607	3	N41*,N47/14	51104	1	35,38,40/14
23121	7	30/14	26068	12	30/14;5/15	38682	4	N6/15*	51143	5	N42/14
23122	9	N43,N46/14	26081	9	N43/14	38683	4	N6/15*	51145	2	34/14
23124	4	N30,N43,N45/14	26082	1	N43/14	42038	2	52/14	51146	4	N34/14
23126	6	N30,N46/14	26083	14	45/14	42046	3	51/14	51150	1	39/14
23127	4	N30,N43,N46/14	26140	2	34/14	42050	2	52/14	51158	2	52/14
23129	3	N40,N45,N46/14	26142	10	34,38/14	42052	5	50,51/14	51159	4	N32,N39,N47,N51/14
23142	11	N41/14*N3,N9/15	26143	10	34/14	43030	25	N48,N49/14;N2,N3, N7/15	51160	21	30,39,41,42/14
23145	4	N30,N40/14	26146	1	38/14	43040	7	N6/15*	51163	4	39,42,43,47/14
24028	6	43/14	26184	5	41/14	43060	5	N41/14*	51164	18	34/14
24050	12	N30,N36,N39,N52/14; N8,N9/15	26224	32	30/14	43080	5	N52/14*	51165	9	N32,N34,N43/14
24052	17	N36,N41/14;N4,N8/15	26308	5	34/14	43125	8	N41/14*	51166	4	N34/14
24053	17	N36/14	26309	27	34/14	43144	5	N48/14	51167	7	N32,N34,N43/14
24055	7	N30,N36,N39,N41/14; N4,N8,N9/15	26320	5	30,35/14;5/15	43167	6	N31/14*	51168	2	34,42/14
24057	6	N31,N36,N52/14	26323	5	N30,N33/14	43201	2	N47/14	51220	8	41/14
24058	3	N36,N44,N45/14;N4/15	26341	80	N48/14*	43249	2	45/14	51224	1	48,50/14
24080	6	N45/14*	27080	4	35,39,43/14	43260	4	45/14	51225	3	48/14
24153	6	39/14	28004	1	33/14	43303	5	N33/14*	51240	2	32,41,50/14
24154	13	N39/14	28050	3	33,47/14	43324	4	2/15	51260	4	30,47,51/14
24161	12	N6/15	28051	3	49/14*;4/15	43341	7	2/15	51280	8	32,50/14
24162	10	N5,N6/15	28220	2	31/14	43343	3	N34/14*N2/15	51341	23	47/14
24171	20	N2/15	28300	1	31/14	43344	4	N41/14*	51343	3	40/14
24172	5	N2/15	28310	2	31/14	43360	22	N48/14	51344	2	31,40,47/14
24240	6	N51/14	28320	6	31/14	43365	5	1/15	51346	1	N41/14;N4/15
24250	6	N51/14	29002	9	35/14	43370	7	52/14	51347	1	N30,N47,N51/14;N4/15
24251	24	N51/14	29104	4	31/14	43371	13	52/14;1/15	51380	5	35/14
24252	6	N51,N52/14	29124	1	40/14	43373	8	45/14	51480	4	48/14
24355	2	32/14	35000	26	7/15	43374	2	N1/15	52031	1	30,33,34,39,43/14
24380	2	43/14	35020	1	N41/14;N7/15	44000	17	9/15*	52039	5	N30,N34,N35,N38,N39, N40,N42/14
24388	2	45/14	35024	2	N41/14	44015	9	38,39,42,43,46,49,51/14; 1,2,3,5,7,9/15	52040	18	33,34,39,40,41,42/14; 4/15
24400	1	30/14	35048	3	N34/14*	44030	9	52/14*	52042	6	34,41/14
24402	17	30,34,36/14	35119	2	N52/14	44040	25	48/14	52043	22	N32,N33,N34,N36,N40, N42/14
24404	9	30/14	35127	2	N52/14	44050	24	N41/14*	52045	7	N34/14
24405	12	N30/14	35128	1	N7/15	44063	9	N49/14	52046	21	32/14
24430	5	35/14	35131	1	N41/14;N7/15	44065	8	N49/14	52047	4	N41/14;N4/15
24431	14	35/14	35138	1	N7/15	44066	11	N49/14	52048	4	N35,N37,N38,N41/14
24434	4	35/14	35139	1	N41/14	44067	23	49/14	52049	2	N41/14
24435	5	35/14	35140	1	N41/14;N7/15	44082	12	N51/14;N3,N5,N7/15	52051	2	N41/14
24460	4	31,42,43,44/14	35147	2	N7/15	44083	9	N5,N7/15	52052	2	N32,N33/14
24468	1	31,41,42,44/14	35151	1	N7/15	44105	2	51/14			
24469	1	31,41,42,44/14	36000	1	N52/14;N7/15	44120	9	N42,N46,N47,N51/14; N2,N5,N7,N9/15			
24470	4	41/14	36001	N41/14							
24480	1	30,31,35,43,47,50/14; 8/15	36002	N7/15							
24483	2	41/14	36006	1	N52/14;N7/15	36007	1	N7/15			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 30/14 THROUGH NM 9/15

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
52060	17	N30,N34,N43,N51/14	54067	1	N7/15	55161	2	N52/14	63054	3	48/14
52061	2	30,34,35,43/14	54082	13	N2,N7/15	55170	2	36,38,52/14	63060	8	32,48/14
52062	7	31,33/14	54083	5	N7/15	55175	1	4/15	63062	8	7,8,9/15
52066	3	34,51/14	54085	3	N7/15	55190	2	3/15	63070	4	7,9/15
52069	1	30/14	54090	3	7/15	55205	2	N49/14*	63091	4	32/14,9/15
52079	1	N39/14	54095	3	7,9/15	56031	1	39/14	63110	4	7/15
52080	15	N36,N39,N51/14	54105	3	7,9/15	56064	7	N39*,N44/14	63112	1	N7/15
52082	3	34,47/14	54125	4	43,45/14	56065	4	N39/14*	63113	1	N7/15
52083	2	31,34,36,41,42,50,51/14	54131	2	34/14	57035	10	39,46/14	63120	3	N8/15
52088	3	30,42,47/14	54151	1	30,49/14	57103	3	N31/14*	63121	6	8/15
52091	1	N33,N34,N40,N41/14	54165	3	N45/14;N5/15	57381	13	N36,N42,N46/14;N2/15	63150	1	7/15
52092	2	N34,N35,N36/14	54168	1	45/14	57440	4	32/14	63201	11	N8/15
52117	1	40,41/14	54169	3	43,45/14	57460	5	41/14	63252	2	N8/15
52118	1	40,41/14	54195	3	9/15	57471	4	N8/15*	63260	6	8/15
52119	1	41/14	54200	4	9/15	57472	3	N45/14	63280	4	N9/15
52120	13	N39,N51/14	54201	6	9/15	57480	9	39,46/14	63290	8	N9/15
52121	9	33,34,41,51/14	54223	2	9/15	57482	13	N2/15	63337	17	N47/14*
52122	16	N38,N42,N47/14	54224	3	9/15	57483	12	N2/15	63351	4	9/15
52125	1	35/14	54225	2	9/15	61000	21	39,46/14;2/15	63353	4	9/15
52126	1	N35,N38/14	54281	6	8/15	61003	17	39,42/14;2/15	63370	2	8,9/15
52140	7	N32,N34,N39/14	54284	1	8/15	61050	5	38/14	63400	1	43/14;6/15
52141	5	34,35/14	54286	4	8/15	61051	9	N38/14	63430	3	6/15
52142	3	35,48/14	54301	4	8/15	61080	4	39/14	71027	10	N30,N37,N47/14;N1,N4, N7/15
52143	8	35,39,40/14	54324	9	51/14	61090	6	42/14;2/15	71033	31	46/14;7/15
52144	6	N33,N34,N48/14	54335	3	30/14	61092	14	N41/14	71040	5	43/14
52145	1	N33/14	54340	8	30/14;8/15	61100	4	42/14;2/15	71059	2	N5/15
52170	3	7/15	54344	6	30/14	61300	2	35/14	71061	16	N5/15
52180	14	34/14;1,7/15	54359	2	8/15	61592	5	N8/15	71066	2	37/14
52200	8	1/15	54360	12	49/14	62001	5	52/14;4/15	71185	25	N45/14*
53011	2	34/14	54361	10	8/15	62028	15	32,35/14;3/15	71186	3	N34/14
53031	2	44*,46/14;5/15	54363	3	49/14	62032	17	34*,35/14	71230	11	8/15
53058	3	N52/14	54369	4	49/14	62033	4	N33*,N35/14	71239	4	N51/14
53060	15	43,44,46,51,52/14;1,3,4, 5,6/15	54380	7	N45,N49/14;N3/15	62191	15	31/14;4/15	71241	11	N47,N48,N51/14
53061	11	N43,N44,N46,N52/14; N1,N3,N4,N6/15	54382	9	42,49/14	62194	9	N47/14*	71243	6	47,48,51/14;8/15
53062	14	N43,N44,N46/14;N5, N6/15	54386	10	45,49/14;3/15	62195	8	N8/15*	71244	4	45,48,51/14
53063	9	43,44,46,51,52/14;1,3,4, 5,6/15	54387	7	37/14	62196	1	N41/14*	71247	20	N38,N43,N45,N46,N47, N48,N49/14;N7/15
53081	10	N44/14	54389	8	3/15	62225	4	N45/14	71248	3	N45,N46,N47,N48/14; N6/15
53082	15	N44/14	54400	2	49/14	62230	3	52/14	71249	2	47/14;6/15
53090	2	N41/14*	54412	1	41/14	62276	4	N41/14*	71250	1	N45,N47,N49/14
53110	1	1/15	54416	6	N40/14;N8/15	62364	1	35/14	71251	13	N38,N45,N46,N48, N49/14;N6/15
53111	4	7/15	54421	6	48,49/14	62366	5	N41/14*	71252	3	N38,N43,N44,N45,N46, N47,N48,N51/14;N6/15
53120	14	1,5,7/15	54422	4	48/14	62367	1	N41/14*	71253	12	N38,N44,N45,N47,N48, N49/14;N7,N9/15
53130	1	1,5/15	54423	5	41/14	62392	8	35,46/14	71254	2	N38,N43,N44,N45,N46, N48,N51/14
53133	4	49/14	54424	1	48/14	62400	18	N7/15*	71255	7	N44,N45,N47,N48, N49/14;N1,N6/15
53141	6	N49,N50,N51/14;N6/15	54430	1	38,39,41,48/14;5/15	62402	11	N49/14	71256	2	N38,N45,N46,N47,N48, N49,N51/14;N7/15
53147	4	N7/15	54440	4	3/15	62403	5	41/14	71262	7	45/14
53149	3	N7/15	54441	6	2/15	62405	9	N47/14*	71265	4	38,43,46,47,48,49,51/14; 7,8/15
53160	14	49/14;6/15	54462	5	3/15	62406	3	N31/14	71275	4	45,46/14
53161	8	50,51/14;1,6/15	54463	6	N49/14*	62409	6	31/14	71285	4	45/14
53162	7	50,51/14;6/15	54480	9	N2,N3/15	62412	13	44,46,49/14	71320	2	N37,N47/14;N1/15
53164	10	N50/14	54481	10	N48/14*	62413	13	44,49/14	71325	9	N2/15
53166	2	N48/14*	54482	1	N48/14*	62416	15	N39/14*	71326	1	N2/15
53180	10	1,6/15	55001	4	36,45,48/14	62420	6	N31*,N44,N46/14	71331	11	1/15
53183	14	N1/15	55040	4	39,40,48,49/14	62421	1	N41/14*	71340	12	N38/14;N7/15
53191	1	N1/15	55041	7	39,45/14;2/15	62422	1	N41*,N49/14	71402	1	8/15
53200	7	1,3,6,7/15	55042	2	N48,N52/14	62423	1	N41/14*	71430	3	47/14;7,8/15
53201	7	N51/14;N1/15	55043	2	42,49/14	62424	1	N41/14*	71440	2	38,43,45,48,49/14;7/15
53202	7	N3,N6/15	55044	5	39,42,48,49/14	62444	3	N31,N41/14	71450	2	N34/14*
53204	10	6/15	55045	3	N48,N49,N52/14;N2/15	62453	6	N44,N49/14	72007	10	43/14
53205	3	48/14	55046	5	N37,N40,N42,N48,N49,	62459	3	N47/14*	72070	4	43/14
53206	7	N32/14	55047	2	N52/14	62462	3	N41/14	72142	6	9/15
53207	1	N48/14	55047	9	N8/15*	62463	3	N41/14	73393	1	N4,N7,N8/15
53212	3	51/14;1,3,6,7,15	55048	13	N7/15*	62480	3	31*,35/14	73552	4	6/15
53220	7	34/14;3,6,7,15	55049	7	N48,N52/14	62490	3	31*,52/14	73601	3	6/15
53223	5	7/15	55063	1	40/14	62498	5	N31/14	73620	2	6/15
53226	3	7/15	55064	3	39,45/14	62499	6	N31/14	74000	6	2/15
53242	12	1/15	55082	10	N36,N45/14;N4/15	62510	3	31/14**	74002	2	2/15
53244	2	1/15	55084	7	32,45/14	62512	4	N31*,N46,N49/14	74003	5	2/15
53262	8	1,3/15	55085	9	32,36,45/14;4/15	62520	6	33/14**	74012	10	2/15
53263	1	1/15	55100	8	45/14	62521	5	N33/14*	74020	4	1,2,3,7/15
53264	5	1/15	55101	5	36,45/14	62530	6	44,49,52/14	74021	7	2,7/15
53266	4	1/15	55102	4	36,45/14	62531	4	N44,N49,N52/14	74031	1	N6/15
53268	4	1/15	55105	7	45/14	62540	6	5/15**	74033	1	N7/15
53269	5	1/15	55110	2	40,49/14	62541	4	N31/14*	74154	1	N33/14;N1,N2/15
53279	4	1,5,8/15	55127	3	N5/15*	62550	4	N44,N46,N49/14	74155	1	N33/14
53281	5	N1/15	55128	3	N4/15	62560	5	N52/14	74163	1	N2/15
53282	9	N1/15	55129	7	4/15	62593	1	44/14	74164	1	N2/15
53283	5	N1/15	55130	2	32,36,37,45/14;3/15	62594	1	44/14			
53284	4	1,5/15	55131	1	3/15	62595	1	44/14			
53285	4	1,5,8/15	55138	5	36/14	62596	1	46/14			
53287	6	1,5,8/15	55139	6	36/14	63000	13	48/14			
53289	2	N1/15	55140	2	37/14	63005	18	7/15			
54060	5	7/15	55150	2	45/14;4/15	63050	3	32,48/14			
54063	4	N7/15	55160	2	52/14	63053	5	48/14			

SECTION I

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74171	4	2/15	81715	5	35/14;9/15	97396	14	8/15
74172	5	2/15	83010	6	35,46/14	97460	7	6/15
74180	1	N5,N7/15	83026	32	35/14	97461	10	N6/15
74181	8	1,6/15	83039	11	35/14;4/15	97471	6	N6,N8/15
74182	12	1/15	83484	12	35,47/14;1/15	97472	8	8/15
74189	1	N5,N7/15	83637	5	48/14*	97480	9	6/15
74190	7	7/15	91008	2	N32,N39,N43/14;N6/15	800113	6	N9/15
74208	1	N34/14;N6/15	91010	6	32,39,43/14;6/15	800273	2	N9/15
74209	1	N6/15	91030	4	N41/14*	800669	9	N9/15
74212	2	N1/15	91116	2	N32/14*	801243	1	N30/14*
74216	1	N1,N3,N7/15	91280	8	N4/15	803434	1	N39/14*
74220	8	6/15	91286	11	N4/15	803453	1	N36/14*
74227	1	N2/15	91289	20	N41/14*;N4/15	803455	1	N30/14;N9/15
74230	7	2,7/15	91335	1	N42/14*	803468	1	N7/15
74237	3	N3,N4,N6,N7/15	91340	4	N8/15*	803611	1	N43/14*
74243	1	N1,N3/15	91345	1	N8/15*	803678	1	N30/14*
74244	1	N1,N3,N4/15	92006	5	47/14;1/15	803738	1	N49/14
74245	1	N6/15	92025	4	N2/15	805118	4	N37/14
74248	1	N33/14;N4/15	92080	3	2/15	805647	2	N32/14
74258	1	N8/15	92140	2	N49/14*	805980	4	N9/15
74262	1	N4/15	92180	2	40/14	806911	1	N30/14*
74265	2	4/15	92190	3	N49/14*	806918	1	N44/14
74267	1	N1/15	92310	4	2/15	806943	1	N43,N49/14
74270	3	1/15	92560	5	N31/14*	806973	1	N36,N37/14
74280	2	N6/15	93006	3	30,32,36,39,43/14;1,6,	806979	1	N30,N35,N37/14;N5/15
74289	5	6/15			8/15	808955	1	N49/14*
74290	12	6/15	93010	6	37,43,45/14;7,8/15	809103	1	N30/14*
74292	8	6/15	93018	8	38,43,45/14;8/15	809106	1	N41/14*
74295	3	6/15	93020	2	7/15	809125	1	N46/14
74300	1	N6/15	93036	12	N36,N43/14;N6,N8/15	809144	1	N33,N46,N52/14;N4/15
74302	1	N2,N3,N4,N5/15	93048	1	47,49/14;1,2,8/15	809178	1	N31/14
74342	1	N34/14	93110	2	37/14;7/15	809310	10	N43/14
74397	1	N34/14;N5,N7/15	93113	3	N7/15			
74398	2	N33/14;N2,N7/15	93160	4	49/14			
74410	3	2,4,5/15	93180	8	N45/14;N8/15			
74420	3	5/15	93220	7	35/14;8/15			
74440	3	3/15	93240	12	45/14;8/15			
74493	3	2/15	93261	6	N8/15			
74510	2	2,7/15	93283	5	35/14			
74515	4	7/15	93720	11	36,44/14;1,6/15			
74518	1	N4/15	93721	6	N36,N44,N52/14;N1,N3,			
74582	9	8/15			N7/15			
74583	15	4,8/15	93725	6	1/15			
74585	1	N5,N7,N8/15	93730	5	N44/14;N1,N8/15			
74588	1	N5,N8/15	93733	14	N7,N8/15			
74593	1	N4,N8/15	93736	25	N36,N44/14;N7/15			
75137	2	N3,N6/15	94004	7	30,31,39/14;6/15			
75147	1	N7/15	94016	3	31/14;6/15			
75164	3	N7/15	94028	8	43/14;8/15			
75165	2	N1,N4/15	94040	14	30,39,43/14;6/15			
75174	3	N1/15	94060	12	6/15			
75176	9	6/15	94063	5	33/14			
75177	7	4/15	94067	11	6/15			
75178	3	N1,N6/15	94080	8	6/15			
75180	2	1/15	94082	9	35,39/14			
75185	2	4/15	94083	13	N33/14			
75190	2	4/15	94084	2	N33/14			
75191	6	4/15	94120	7	50/14;6/15			
75193	6	6/15	94122	8	N6/15			
75251	5	2/15	94123	10	N48,N50/14			
75252	1	N4/15	94127	3	N48/14;N5/15			
75266	1	N1,N2,N8/15	94160	9	50/14			
75267	1	N8/15	94164	2	36/14			
75269	1	N8/15	94216	9	N6/15			
75274	1	N1,N2/15	94217	7	N6/15			
76041	2	39/14	94218	6	N6/15			
76052	9	N30,N47/14;N4/15	94219	3	N7/15			
76054	5	4/15	94260	7	N36/14			
76070	9	30/14	94280	7	N36/14			
76080	8	30/14;4/15	94360	7	N35/14			
76081	7	39/14	94363	5	N35/14			
76100	3	31/14	94364	1	N35,N36/14			
76110	5	30/14	95066	13	N36/14			
76160	4	31/14	95068	3	N36,N37/14			
76161	10	31,33,47/14	95140	16	43/14			
76180	1	31/14	95144	10	43/14			
81002	7	44*,49/14	95151	19	N49/14			
81004	5	37,49/14	95152	7	N48/14*			
81025	3	N49/14	95161	18	N5/15			
81048	10	49/14;4/15	97022	1	N43/14			
81059	1	N37,N49/14	97084	2	N33/14*			
81060	2	37,49/14	97085	2	N34/14*			
81067	9	37/14	97104	4	7/15**			
81071	8	37/14	97370	1	N6/15			
81086	8	31/14*	97373	1	N6/15			
81664	7	49/14*	97380	7	8/15			
81711	7	35/14	97390	6	N8/15			

SECTION II
NGA/DLIS CATALOG CORRECTIONS

NM 9/15

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
11XHA11406 (7642014010240)	St. Marks River and Approaches	15,000	<u>14</u>	<u>1/15</u>	NOS	9/15		
11XHA11526 (7642014010273)	Wando River - Upper Part	20,000	<u>11</u>	<u>1/15</u>	NOS	9/15		
11AHA11536 (7642014010163)	Approaches to Cape Fear River	80,000	<u>20</u>	<u>1/15</u>	NOS	9/15		
12BHA12286 (7642014010349)	Potomac River - Piney Point to Lower Cedar Point	40,000	<u>32</u>	<u>1/15</u>	NOS	9/15		
14XCO14965 (7642014010607)	Redridge to Saxon Harbor	120,000	<u>23</u>	<u>1/15</u>	NOS	9/15		
	Insets: Ontonagon Harbor Black River Harbor Saxon Harbor	10,000 5,000 2,500						
16XHA16044 (7642014011325)	Camden Bay and Approaches <u>69 56 41N 145 37 11W</u> <u>70 18 59N 144 14 11W</u>	50,819	<u>8</u>	<u>1/15</u>	NOS	9/15		
16XHA16045 (7642014011329)	Bullen Pt to Brownlow Pt	50,615	<u>8</u>	<u>1/15</u>	NOS	9/15		
16ACO16594 (7642014011246)	Marmot Bay and Kupreanof Strait <u>57 41 11N 153 31 44W</u> <u>58 16 09N 152 04 44W</u> Insets: Ouzinkie Harbor <u>57 53 49N 152 33 18W</u> <u>57 55 27N 152 29 08W</u> Whale Passage	78,900	<u>14</u>	<u>1/15</u>	NOS	9/15		
		20,000						
		30,000						
REGION 4								
44ACO44000 (7642014012819)	Baltic Sea <u>53 15 00N 9 00 00E</u> 66 00 00N 30 30 00E	1,500,000	<u>17</u>	<u>12/14</u>	A	9/15		
MISCELLANEOUS CHARTS AND PUBLICATIONS								
NOSPBCP6 (7642014008454)	No. 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, & Superior & St. Lawrence River		<u>45</u>	<u>2015</u>	NOS	9/15		

Price Categories effective 1 October 2014

A	23.25	D	14.50	E	12.00	F	12.00	G	7.50	H	12.00
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CHS	Canadian Hydrographic Service
DS	Distribution Limited
GPO	Government Printing Office
NOS	National Ocean Service
UKHO	United Kingdom Hydrographic Office
DHO	Danish Hydrographic Office
AHS	Australian Hydrographic Service
JCG	Japan Coast Guard

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Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

DoD users and DoD contractors may direct questions concerning the availability and distribution of announced hardcopy charts to the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

Civilian users can obtain information about ordering NGA paper charts at: <http://www.nauticalcharts.noaa.gov/staff/charts.htm>.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 194 17 Ed 2014 LAST NM 42/14
 Publication Data Update (PDU) #1 for Pub. 194 is available
 for download on the NGA Maritime Website
<http://msi.nga.mil/NGAPortal/MSI.portal>
 (NGA)

8/15

COAST PILOT CORRECTIONS

COAST PILOT 5 42 Ed 2014 08 FEB 2015 LAST NM 5/15

Chapter 2—Paragraphs 3189 to 3208.03; read:

(³¹⁸⁹) **§§165.703 Security Zones; Tampa Bay: Big Bend, Boca Grande, Crystal River, East Bay, Hillsborough Bay, MacDill Air Force Base, Manbirtee Key, Old Port Tampa, Port Manatee, Port Tampa, Port St. Petersburg, Port Sutton, Rattlesnake, and Weedon Island, FL.**

(³¹⁹⁰) (a) Regulated areas. The following areas, denoted by coordinates fixed using the North American Datum of 1983 (World Geodetic System 1984) are security zones:

(³¹⁹¹) (1) Security zones for facilities and structures—
 (i) Rattlesnake, Tampa, FL. All water, from surface to bottom, in Old Tampa Bay east and south of the waters encompassed within position 27°53.32'N, 082°32.05'W; thence to 27°53.38'N, 082°32.05'W, including on land portions of Chemical Formulators Chlorine Facility, where the fenced area is bounded by a line connecting the following points:

(³¹⁹²) 27°53.21'N, 082°32.11'W; thence to
 (^{3192.01}) 27°53.22'N, 082°32.23'W; thence to
 (^{3192.02}) 27°53.25'N, 082°32.23'W; thence to
 (^{3192.03}) 27°53.25'N, 082°32.27'W; thence to
 (^{3192.04}) 27°53.29'N, 082°32.25'W; thence to
 (^{3192.05}) 27°53.30'N, 082°32.16'W; thence to
 (^{3192.06}) 27°53.21'N, 082°32.11'W.

(³¹⁹³) (ii) Old Port Tampa, Tampa, FL. All waters, from surface to bottom, in Old Tampa Bay encompassed within the following points: 27°51.62'N, 082°33.14'W; thence to 27°51.71'N, 082°32.5'W; thence to 27°51.76'N, 082°32.5'W; thence to 27°51.73'N, 082°33.16'W; thence to 27°51.62'N, 082°33.14'W, closing off the Old Port Tampa Channel.

(³¹⁹⁴) (iii) Sunshine Skyway Bridge, FL. All waters in Tampa Bay, from surface to bottom, in Cut "A" channel beneath the bridge's main span encompassed within the following points: 27°37.30'N, 082°39.38'W; 27°37.13'N, 082°39.26'W; and the bridge structure columns, base and dolphins. This zone is specific to the bridge structure and dolphins and does not include waters adjacent to the bridge columns

or dolphins outside of the bridge's main span. Any vessel may transit through this zone but, may not loiter, anchor, or conduct operations, including dredging, dive operation, surveying, or maintenance, unless otherwise directed by the Captain of the Port. Anyone wanting to conduct these operations must submit a request via e-mail to WWMTampa@uscg.mil or contact the Sector Command Center after hours at 727-824-7506.

(³¹⁹⁵) (iv) Manbirtee Key, Port of Manatee, FL. All waters, from surface to bottom, surrounding, surrounding Manbirtee Key, Tampa Bay, FL extending 500 yards from the island's shoreline, in all directions, not to include the Port Manatee Channel.

(³¹⁹⁶) (v) MacDill Air Force Base, Tampa Bay, FL. All waters encompassed within the following coordinates:

(^{3196.01}) 27°51.88'N, 082°29.31'W; thence to
 (^{3196.02}) 27°52.01'N, 082°28.85'W; thence to
 (^{3196.03}) 27°51.48'N, 082°28.17'W; thence to
 (^{3196.04}) 27°51.02'N, 082°27.76'W; thence to
 (^{3196.05}) 27°50.72'N, 082°27.61'W; thence to
 (^{3196.06}) 27°50.33'N, 082°27.59'W; thence to
 (^{3196.07}) 27°49.65'N, 082°27.73'W; thence to
 (^{3196.08}) 27°49.34'N, 082°27.79'W; thence to
 (^{3196.09}) 27°49.10'N, 082°27.88'W; thence to
 (^{3196.10}) 27°48.88'N, 082°28.10'W; thence to
 (^{3196.11}) 27°48.76'N, 082°28.54'W; thence to
 (^{3196.12}) 27°48.87'N, 082°29.44'W; thence to
 (^{3196.13}) 27°49.06'N, 082°30.39'W; thence to
 (^{3196.14}) 27°48.75'N, 082°31.17'W; thence to
 (^{3196.15}) 27°49.16'N, 082°32.41'W; thence to
 (^{3196.16}) 27°49.64'N, 082°33.04'W; thence to
 (^{3196.17}) 27°49.95'N, 082°32.75'W; thence to
 (^{3196.18}) 27°50.09'N, 082°32.81'W; thence to
 (^{3196.19}) 27°50.56'N, 082°32.75'W; thence to
 (^{3196.20}) 27°50.71'N, 082°32.18'W.

(³¹⁹⁷) (vi) Piers, seawalls, and facilities, Port of Tampa and Port Sutton, Tampa, FL. All waters, from surface to bottom, extending 50 yards from the shore, seawall, and piers around facilities in Port Sutton within the Port of Tampa encompassed by a line connecting the following points: 27°54.15'N, 082°26.06'W; thence to 27°54.46'N, 082°25.71'W; closing off all Port Sutton Channel.

(³¹⁹⁸) (vii) Piers, seawalls, and facilities, Port of Tampa, on the western side of Hooker's Point, Tampa, FL. All waters, from surface to bottom, extending 50 yards from the shore, seawall, and piers around facilities on Hillsborough Bay northern portion of Cut "D" Channel, Sparkman Channel, Ybor Turning Basin, and Ybor Channel within the Port of Tampa encompassed by a line connecting the following points:

COAST PILOT 5 (Continued)

- (3198.01) 27°54.74'N, 082°26.47'W; thence to
- (3198.02) 27°55.25'N, 082°26.73'W; thence to
- (3198.03) 27°55.60'N, 082°26.80'W; thence to
- (3198.04) 27°56.00'N, 082°26.75'W; thence to
- (3198.05) 27°56.58'N, 082°26.53'W; thence to
- (3198.06) 27°57.29'N, 082°26.51'W; thence to
- (3198.07) 27°57.29'N, 082°26.61'W; thence to
- (3198.08) 27°56.65'N, 082°26.63'W; thence to
- (3198.09) 27°56.58'N, 082°26.69'W; thence to
- (3198.10) 27°56.53'N, 082°26.90'W.

(3199) (viii) St. Petersburg Harbor, FL. All waters, from surface to bottom, extending 50 yards from the seawall and around all moorings and vessels in St. Petersburg Harbor (Bayboro Harbor), commencing on the north side of the channel at day beacon "10" (LLNR 24995) in approximate position 27°45.56'N, 082°37.55'W, and westward along the seawall to the end of the cruise terminal in approximate position 27°45.72'N, 082°37.97'W. The zone will also include the Coast Guard south moorings in St. Petersburg Harbor. The zone will extend 50 yards around the piers commencing from approximate position 27°45.51'N, 082°37.99'W; to 27°45.52'N, 082°37.57'W. The southern boundary of the zone is shoreward of a line between the entrance to Salt Creek easterly towards day beacon "11" (LLNR 24990).

(3200) (ix) Crystal River Nuclear Power Plant. All waters, from surface to bottom, around the FL, Power Crystal River Nuclear Power Plant located at the end of the Florida Power Corporation Channel, Crystal River, Florida, encompassed by a line connecting the following points: 28°56.87'N, 082°45.17'W; thence to 28°57.37'N, 082°41.92'W; thence to 28°56.79'N, 082°45.13'W; thence to 28°57.32'N, 082°41.92'W.

(3201) (x) Crystal River Demory Gap Channel. All waters, from surface to bottom, in the Demory Gap Channel in Crystal River, Florida, encompassed by the following points: 28°57.61'N, 082°43.42'W thence to; 28°57.55'N, 082°41.88'W thence to; 28°57.58'N, 082°43.42'W thence to; 28°57.51'N, 082°41.88'W.

(3202) (xi) Big Bend Power Plant, FL. All waters of Tampa Bay, from surface to bottom, adjacent to the Big Bend Power Facility, and within an area bounded by the following points:

- (3202.01) 27°48.08'N, 082°24.88'W; thence to
- (3202.02) 27°48.15'N, 082°24.96'W; thence to;
- (3202.03) 27°48.10'N, 082°25.00'W; thence to
- (3202.04) 27°47.85'N, 082°25.03'W; thence to
- (3202.05) 27°47.58'N, 082°24.89'W; thence to
- (3202.06) 27°47.58'N, 082°24.06'W; thence to;
- (3202.07) 27°47.62'N, 082°24.04'W; thence to
- (3202.08) 27°47.63'N, 082°24.71'W; thence to
- (3202.09) 27°48.03'N, 082°24.70'W; thence to

(3202.10) 27°48.08'N, 082°24.88'W, closing off entrance to Big Bend Power Facility and the attached cooling canal.

(3203) (xii) Weedon Island Power Plant, FL. All waters of Tampa Bay, from surface to bottom, extending 50 yards from the shore, seawall and piers around the Power Facility at Weedon Island encompassed by the following points: 27°51.52'N, 082°35.82'W; thence along the shore to; 27°51.54'N, 082°35.78'W; thence to 27°51.89'N, 082°35.82'W; thence to 27°51.89'N, 082°36.14'W, closing off the entrance to both canals.

(3204) (2) Vessel specific security zones—(i) Moving security zones for Cruise Ships and vessels carrying Especially Hazardous Cargos. The following security zones and procedures are established for all waters, from surface to bottom, within a 500-yard radius, as outlined below:

(3204.01) (A) For inbound vessels commencing at Egmont Channel Lighted Buoys "9" (LLNR 22270) and "10" (LLNR 22275) through to berth.

(3204.02) (B) For shifting vessels from their departure berth to destination berth.

(3204.03) (C) For outbound vessels commencing at berth through to Egmont Channel Lighted Buoys "9" (LLNR 22270) and "10" (LLNR 22275).

(3204.04) (D) All subject vessels operating in the Captain of the Port St. Petersburg Zone shall follow the reporting requirements in 33 CFR part 160, subpart C.

(3204.05) (E) Any vessel desiring to enter or transit the security zone shall obtain permission from the Captain of the Port St. Petersburg or a designated representative. If permission is granted, all persons and vessels must comply with any given instructions.

(3205) (ii) Fixed security zones for moored cruise ships and moored vessels carrying especially hazardous cargos. A security zone is established for all waters, from surface to bottom, within a 200-yard radius around moored cruise ships and moored vessels carrying especially hazardous cargos, as outlined below:

(3205.01) (A) All subject vessels operating in the Captain of the Port St. Petersburg Zone shall follow reporting requirements in 33 CFR part 160, subpart C.

(3205.02) (B) Any vessel desiring to enter or transit the security zone shall obtain permission from the Captain of the Port St. Petersburg or a designated representative. If permission is granted, all persons and vessels must comply with any given instructions.

(3205.03) (C) No vessel may loiter, anchor, or conduct maintenance operations within the security zone, unless otherwise directed by the Captain of the Port St. Petersburg or a designated representative. This includes, but is not limited to dredging operations, dive operations, and surveying. Anyone wanting to conduct these operations must submit a request via email to

COAST PILOT 5 (Continued)

WWMTampa@uscg.mil or contact the Sector Command Center after hours at 727-824-7506.

(3206) (b) Definitions. As used in this section:

(3206.01) Ammonium nitrate means ammonium nitrate and ammonium nitrate based fertilizers listed as Division 5.1 (oxidizing) materials as defined in 33 CFR 172.101 except when carried as CDC residue.

(3206.02) Captain of the Port (COTP) for the purpose of this section means the Commanding Officer of Coast Guard Sector St. Petersburg.

(3206.03) Captain of the Port St. Petersburg Zone as defined in 33 CFR 3.35-35.

(3206.04) Commercial vessels means any tank, bulk, container, cargo, cruise ships, pilot vessels, or tugs. This definition excludes fishing vessels, salvage vessels, dead ship tow operations.

(3206.05) Cruise Ship means the same as defined 33 CFR 101.105.

(3206.06) Designated representative means Coast Guard Patrol Commanders including Coast Guard coxswains, petty officers and other officers operating Coast Guard vessels, and federal, state, and local officers designated by or assisting the COTP, in the enforcement of regulated navigation areas, safety zones, and security zones.

(3206.07) Certain dangerous cargo includes Division 1.5D blasting agents for which a permit is required under 49 CFR 176.415 or, for which a permit is required as a condition of Research and Special Programs Administration exemption. This includes ammonium nitrate fuel oil mixture.

(3206.08) Especially hazardous cargo means anhydrous ammonia, ammonium nitrate, chlorine, liquefied natural gas, liquefied petroleum gas, and any other substance, material, or group or class in a particular amount and form that the Secretary determines by regulation poses a significant risk of creating a transportation security incident while being transported in maritime commerce.

(3207) (c) Regulations. (1) Entry into or remaining on or within the zones described in paragraph (a) of this section is prohibited unless authorized by the Captain of the Port St. Petersburg or a designated representative.

(3207.01) (2) Any changes to the requirements for these regulated areas will be given by Broadcast Notice to Mariners on VHF-FM Channel 22A.

(3208) Note to §165.703(c)(2): A graphical representation of all fixed security zones will be made available through nautical charts via the Coast Pilot.

(3208.01) (3) The Captain of Port St. Petersburg has provisions for escorting especially hazardous cargos as described in the above sections of this subchapter, but reserves the right to establish additional provisions for any potentially hazardous cargos.

(3208.02) (4) Enforcement. Under 33 CFR 165.33, no person may authorize the operation of a vessel in the security zones contrary to the provisions of this section.

(3208.03) (d) The Captain of the Port St. Petersburg may waive any of the requirements of this subpart for any vessel, facility, or structure upon finding that the vessel or class of vessel, operational conditions, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of port safety and security or environmental safety.

(FR 12/17/2014)

9/15

COAST PILOT 6
(NOS)

45 Ed 2015

NEW EDITION

9/15

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2014 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14540 J 5564	-Harbor range, 183 meters S. of Customs Landing, front.	17° 58.8' N 66° 37.2' W	Fl.G. period 2.5s	16 5	On pile.	Visible 013°30'-016°30'. Shown 24 hours.	*
			*	*	*	*	*
							9/15
14550 J 5569.9	-Entrance Range, front.	17° 58.6' N 66° 45.8' W	Q.R.	16 5	Pile, red rectangular daymark, white stripe.	Visible 356°36'-359°36'.	*
			*	*	*	*	*
							9/15
14620 J 5614	--West Gregerie Channel No. 6.					Remove from list.	*
							9/15
14624 J 5618	--Berg Hill Range, front.	18° 20.7' N 64° 56.0' W	Fl.G. period 2.5s	210 64	Skeleton tower.	Visible 342°42'-345°42'. Shown 24 hours.	*
			*	*	*	*	*
							9/15
14628 J 5618.1	--Rear, 114 meters 344°12' from front.	18° 20.7' N 64° 56.0' W	Iso.G. period 6s	299 91	Skeleton tower.	Visible 342°42'-345°42'. Shown 24 hours.	*
			*	*	*	*	*
							9/15
15453 J 4327	-Alvarado, Gasoducto de Pemex.					Remove from list.	*
							9/15
16272 J 4468	-Consejo Point.					Remove from list.	*
							9/15
16276 J 4467	-Corosal.					Remove from list.	*
							9/15

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2014 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
116 G 3207	-Cerro Cedro AVIATION LIGHT.					Remove from list.	*
							9/15
202 G 3133	-Buenaventura, La Pilota.	3° 53.0' N 77° 04.2' W	Fl.G. period 5s fl. 0.7s, ec. 4.3s	138 42	17	Silver tower; 98.	Visible 049°30'-052°30'.
			*	*	*	*	*
							9/15
202.5 G 3133.06	-Islalba No. 1.	3° 53.2' N 77° 05.6' W	Q.(9)Y. period 15s	13 4	8	Red and white tower; 10.	Visible 353°-359°.
			*	*	*	*	*
							9/15

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2014 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
202.6 G 3133.07	-Arrieral.	3° 53.7' N 77° 05.6' W	Fl.Y. period 4s fl. 1.5s, ec. 2.5s	26 8	10 16.	Red and white tower;	Visible 353°-359°.
			Fl.Y. period 4s	30 9			Visible 270°-276°.
			*	*	*	*	*
203.3 G 3133.03	-Parque Colpuertos.						Remove from list.
							*
204 G 3133.5	-Las Delicias Range, front.						Remove from list.
							*
208 G 3133.51	--Rear, 100 meters 010° from front.						Remove from list.
							*
15258 G 3444.4	-Wharf.	15° 39.5' N 96° 31.3' W	Iso.R. period 2s	13 4	5	Red cylindrical concrete tower; 15.	
			*	*	*		
							9/15
15273 G 3436	-Muelle Fiscal.						Remove from list.
							*
15274 G 3436.2	-Puente Fiscal.						Remove from list.
							*
15320 G 3422	Tapachula, AVIATION LIGHT.	14° 54.2' N 92° 17.3' W	Al.Fl.W.R. period 5s	197 60			Occasional. Private light.
			*	*			*
							9/15
15363.5 G 3386.6	-AVIATION LIGHT.	13° 55.4' N 90° 46.9' W	Fl.(2)W. period 5s	98 30	15	Red metal framework tower, white bands.	
			*	*		*	
							9/15
15364 G 3380	Acajutla.	13° 34.9' N 89° 50.0' W	Iso.W. period 24s	82 25	8	White metal framework tower; 30.	
			*	*	*		*
							9/15
15368 G 3382	-National pier, head.	13° 34.7' N 89° 50.5' W	Iso.R. period 4s	69 21	7	Metal framework tower; 52.	
			*	*	*		*
							9/15
15444 G 3351	-Head of bay, Range, front.	11° 15.4' N 85° 52.4' W	Fl.R. period 6s fl. 1s, ec. 5s	33 10	5	Building, green roof; 33.	
			*		*		
							9/15

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15448 G 3351.1	-Rear, 213 meters 067° from front.	11° 15.4' N 85° 52.3' W	F.R.	53 16	5	White tower.	
			*		*	*	9/15

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22856 K 1000	Tanjung Ular.	1° 57.6' S 105° 07.6' E	Fl.(2)W. period 19.5s fl. 1.5s, ec. 2.5s fl. 1.5s, ec. 14s	66 20	25	White metal framework tower; 131.	Visible 015°-230°.
			*		*	*	*
22924 K 0982	Dapur.	3° 08.0' S 106° 30.9' E	Fl.W. period 10s	135 41	18	White metal framework tower; 46.	
	RACON		W(• - -)			*	
		*	*			*	9/15
22960 K 1006	General Elliot Reef.	2° 03.7' S 106° 18.9' E	L.FI.W. period 18s fl. 3s, ec. 15s	49 15	11	White metal framework tower; 33.	Radar reflector.
	RACON		D(- • •)			*	
		*	*			*	9/15
22972 K 1020	Pulau Simedang.	3° 19.1' S 107° 12.7' E	Fl.(4)W. period 25s fl. 0.5s, ec. 3.5s fl. 0.5s, ec. 3.5s fl. 0.5s, ec. 3.5s fl. 0.5s, ec. 12.5s	200 61	20	White metal tower; 187.	Radiobeacon.
		*	*			*	
22980 K 1022	Kasenga.	3° 02.8' S 107° 21.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	66 20	10	White beacon, red bands; 59.	Radar reflector.
		*	*		*	*	
22992	-Buoy.						Remove from list.
						*	
						*	9/15
23002 K 1028.7	-Beacon.	2° 44.0' S 107° 35.6' E	Fl.(2)R. period 10s	23 7	6	PORT (A) R, beacon.	
		*	*				9/15
23009.4 K 0928.65	Tanjung Katila.	5° 51.8' S 105° 45.5' E	Q.(2)G. period 5s	33 10	6	STARBOARD (A) G, beacon, topmark.	
		*	*		*		9/15
23020 K 0926.5	Serdang.	5° 49.3' S 105° 23.7' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	200 61	21	White metal framework tower; 131.	
		*	*		*		9/15

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23044 Koeala. K 0922		5° 27.5' S 105° 18.9' E	L.FI.W.R. period 5s fl. 2s, ec. 3s	134 41	20	White metal framework tower; 131.	R. 052°-057°, W.-067°, R.-072°.
		*	*			*	9/15
23056 -Panjang. K 0922.4							Remove from list.
						*	9/15
23058 -Panjang Entrance, N. side. K 0922.2		5° 27.6' S 105° 18.7' E	Fl.Y. period 5s	56 17	12	Iron framework beacon. Radar reflector.	
		*	*	*	*	*	*
23332 -Tanjung Layar. K 1050.2		6° 44.9' S 105° 12.8' E	Fl.(3)W. period 15s	163 50	18	White metal framework tower; 98.	Visible 007°-139° and 199°-237°.
	-RACON		X(- • • -)				
		*	*	*		*	9/15
23336 -Tanjung Cikoneng (Tjikikoneng). K 1050		6° 04.3' S 105° 53.1' E	Fl.(2)W. period 29s fl. 0.4s, ec. 6.6s fl. 0.4s, ec. 21.6s	197 60	19	White metal tower; 190.	Visible 010°-216°.
		*	*			*	*
23344 Pulau Tampurung. K 1052		5° 54.0' S 105° 55.9' E	Fl.W. period 3s fl. 1s, ec. 2s	253 77	13	White metal framework tower; 72.	Visible 045°06'-045°. Obscured beyond Pulau Sangiang Island 045°-066°.
	RACON		R(• - •)		20		(3 & 10cm).
		*	*			*	9/15
23353 Tg. Sekong. K 1053.26							Remove from list.
						*	9/15
23354 -Range, front. K 1053.3							Remove from list.
						*	9/15
23354.1 - -Rear, 143°31' from front. K 1053.31							Remove from list.
						*	9/15
23368 Djong. K 1060		5° 51.1' S 106° 38.8' E	Fl.(3)G. period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 9.5s	33 10	11	Green beacon; 33.	Radar reflector.
		*	*			*	*
23372 Palau Peniki. K 1060.5		5° 41.6' S 106° 42.9' E	L.FI.W. period 5s fl. 2s, ec. 3s	105 32	16	White metal framework tower; 98.	Radiobeacon.
		*	*			*	9/15

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23392 <i>K 1038</i>	Beting Eka.	5° 17.7' S 106° 54.5' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	49 15	10	ISOLATED DANGER BRB, beacon, topmark; 33.	Radar reflector.
	RACON		B(- • •)		*		9/15
	*	*	*		*		
23423.4 <i>K 1073.21</i>	--E.	6° 06.4' S 106° 51.8' E	Fl.R. period 4s fl. 1s, ec. 3s	20 6	5	PORT (A) R, beacon, topmark.	
			*				9/15
23474.1 <i>K 1091.11</i>	--SW.	6° 43.6' S 108° 35.3' E	Fl.(2)G. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	20 6	4	STARBOARD (A) G, beacon, topmark.	
	*	*	*				9/15
23494 <i>K 1095.5</i>	--Elbow.						Remove from list.
					*		9/15
23508 <i>K 1106</i>	-E. side of harbor.	6° 51.1' S 109° 08.3' E	Fl.W. period 3s fl. 1s, ec. 2s	62 19	6	White framework tower; 43.	
	*	*	*		*		9/15
23524 <i>K 1124</i>	-W. mole, head.	6° 51.4' S 109° 41.5' E	L.Fl.G. period 6s fl. 2s, ec. 4s	16 5	3	Metal framework structure; 16.	
	*	*	*		*		9/15
23538 <i>K 1120</i>	Karang Bapang.						Remove from list.
					*		9/15
23552 <i>K 1133</i>	-Range, front.	6° 57.0' S 110° 25.3' E	Fl.W. period 2s fl. 0.5s, ec. 1.5s	89 27	12	White beacon, triangular daymark point up; 82.	
	*	*	*	*	*	*	9/15
23556 <i>K 1133.1</i>	--Rear, 600 meters 176°30' from front.	6° 57.3' S 110° 25.3' E	Fl.W. period 3s fl. 0.5s, ec. 2.5s	105 32	12	White beacon, white triangular daymark point down; 98.	
	*	*	*	*	*	*	9/15
23557 <i>K 1133.3</i>	-E. breakwater, head.	6° 55.3' S 110° 25.4' E	L.Fl.R. period 10s fl. 3s, ec. 7s	46 14	10	PORT (A) R, tower, topmark; 33.	
	*	*	*		*		9/15
23558 <i>K 1134</i>	-W. outer breakwater, head.	6° 55.1' S 110° 25.1' E	L.Fl.G. period 10s fl. 3s, ec. 7s	46 14	10	STARBOARD (A) G, beacon, topmark.	Light shown from S. end.
	*	*	*		*		9/15

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23588 <i>K 1150</i>	-Sangkupoera.	5° 51.1' S 112° 39.4' E	L.FI.W. period 5s fl. 2s, ec. 3s	69 21	10	White metal framework tower; 66.	
		*	*	*	*	*	9/15
23624 <i>K 1158.2</i>	--Sembilangan, Slimpil Point, rear, 200° from front.	7° 03.8' S 112° 40.4' E	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	174 53	19	White round concrete tower, black and white striped top; 164.	
	--RACON		M(--)			*	9/15
		*	*	*		*	
23625.2 <i>K 1158.59</i>	--N.	7° 06.7' S 112° 39.2' E	Q.(4)Y. period 15s	20 6	7	SPECIAL Y, beacon, topmark.	
			*				9/15
23625.4 <i>K 1158.51</i>	--S. of entrance to Kali Miring.	7° 06.6' S 112° 39.2' E	Q.(4)Y. period 15s	20 6	7	SPECIAL Y, beacon, topmark.	
			*			*	9/15
23636 <i>K 1182</i>	-Range, W. molehead of Naval Harbor, front.					Remove from list.	
						*	9/15
23640 <i>K 1182.1</i>	-Rear, 90 meters 151° from front.					Remove from list.	
						*	9/15
23644 <i>K 1183</i>	-Range, E. molehead of Naval Harbor, front.					Remove from list.	
						*	9/15
23648 <i>K 1183.1</i>	-Naval Harbor, Madura Wharf.	7° 11.8' S 112° 44.4' E	Fl.R. period 4s fl. 0.5s, ec. 3.5s	29 9	4	Red beacon; 20.	
		*	*		*	*	9/15
23652 <i>K 1176</i>	-E. side of entrance to new harbor, NW. corner of N. pier.					Remove from list.	
						*	9/15
23660 <i>K 1179</i>	-Holland Pier, NW. angle.					Remove from list.	
						*	9/15
23664 <i>K 1179.2</i>	--NE. angle.					Remove from list.	
						*	9/15
23742 <i>K 1238.5</i>	Karang Tembaga.	7° 06.6' S 114° 09.0' E	Q.(3)W. period 10s	46 14	12	E. CARDINAL BYB, beacon, topmark.	
		*	*				9/15

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23776 K 1250	-Tanjung Bansering Range, front.	8° 04.2' S 114° 25.5' E	Fl.W. period 4s fl. 1s, ec. 3s	49 15	9	White metal framework tower, white triangular daymark point up; 43.	Visible 215°-033°. Entering Bali Strait from the S.
		*	*		*		9/15
23789 K 1257.3	--S.						Remove from list.
					*		9/15
23792 K 1258	--S.	8° 09.8' S 114° 26.1' E	Fl.R. period 4s	39 12	8	PORT (A) R, beacon, topmark.	
		*	*	*	*	*	9/15
23796 K 1258.2	-Banyuwang, AVIATION LIGHT.						Remove from list.
					*		9/15
23804 K 1282	-Tanjung Pengambengan.	8° 23.9' S 114° 35.0' E	Fl.W. period 5s fl. 1s, ec. 4s	141 43	18	White metal framework tower; 131.	
		*			*	*	*
23821.62 K 1263.1	-Rear, 35 meters 064°29' from front.	8° 11.6' S 110° 47.6' E	Iso.W. period 4s	82 25	12	White beacon, white triangular daymark point down.	
		*			*		9/15
23823.1 K 1267.4	-East.						Remove from list.
					*		9/15
23823.2 K 1267.5	-West.						Remove from list.
					*		9/15
23824 K 1268	-Cimiring.	7° 46.9' S 109° 02.6' E	Oc.W. period 4s lt. 3s, ec. 1s	584 178	30	White stone tower; 105. F.R. shown during firing practice. Radar reflector.	
	-RACON		K(- • -)		17		*
		*	*				9/15
23828 K 1270.1	-Entrance Range, front.	7° 45.0' S 109° 01.4' E	Iso.W. period 4s	56 17	8	White tower, white triangular daymark point up.	
		*					9/15
23832 K 1270.11	-Rear, 475 meters 279° from front.	7° 44.9' S 109° 01.2' E	Iso.W. period 2s	75 23	8	White tower, white triangular daymark point down.	
		*					9/15

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23840 K 1272.1	-Rear, 125 meters 245°40' from front.	7° 45.9' S 109° 01.4' E	Iso.W. period 2s	69 21	8	White tower, white triangular daymark point down.	
		*	*				9/15
23842 K 1273.2	-Corner Range, front.					Remove from list.	
					*		9/15
23842.1 K 1273.21	-Rear, 30 meters 096°30' from front.					Remove from list.	
					*		9/15
23844 K 1274	-Third Range, front, B3.	7° 45.9' S 109° 02.0' E	Iso.W. period 2s	39 12	7	Beacon, triangular daymark point up.	
		*	*	*	*	*	
							9/15
23848 K 1274.1	-Rear, B4, 89 meters 116° from front.	7° 45.9' S 109° 02.1' E	Iso.W. period 4s	56 17	7	Beacon, triangular daymark point down.	
		*	*	*	*	*	
							9/15
24845 K 1460.7	-Pecko.	1° 06.5' S 117° 22.5' E	Fl.(2)W. period 15s fl. 1s, ec. 1s fl. 1s, ec. 12s	39 12	12	White beacon; 13.	
		*	*	*	*	*	
							9/15
24846 K 1462	-Bukuan Island.	0° 51.7' S 117° 17.8' E	Fl.(2)W. period 15s	135 41	20	White metal framework structure.	
		*	*				
							9/15
24847 K 1459.94	Sepinggang entrance.	0° 59.1' S 117° 09.8' E	Q.R.	33 10	12	Red beacon, red rectangular daymark; 23.	
		*	*	*	*	*	
							9/15
24860 K 1462.8	Muara Jawa Range, No. 4, front.	0° 39.4' S 117° 18.3' E	Iso.W. period 2s	23 7	8	White beacon, white triangular daymark point up.	
		*	*		*		
							9/15
24864 K 1462.81	-Rear 300 meters 001°30' from front.	0° 39.3' S 117° 18.3' E	Iso.W. period 4s	39 12	10	White beacon, white triangular daymark point down.	
		*	*		*		
							9/15
24872 K 1464.1	-Rear, 300 meters 356° from front.	0° 35.7' S 117° 17.6' E	Iso.W. period 4s	46 14	12	White metal structure, white triangular daymark point down.	
		*	*	*	*	*	
							9/15
24882 K 1468.5	Muara Berau.	0° 20.2' S 117° 29.9' E	L.FI.W. period 10s fl. 2s, ec. 8s	46 14	11	White beacon.	
		*	*				
							9/15

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24892 K 1459.21	--Rear, No. 2, 1445 meters 306°14' from front.	1° 18.3' S 116° 52.3' E	Iso.W. period 5s	49 15	11	White beacon, white triangular daymark point down; 49.	*
		*	*			*	9/15
24920 K 1459	-Tanjung Tokong.	1° 16.4' S 116° 48.5' E	L.FI.W. period 20s fl. 5s, ec. 15s	306 93	25	White dwelling; 26.	Visible 195°30'-040'. Reserve light 2 FW. 10m. F.R. shown during firing practice.
		*	*		*	*	*
24948 K 1444	Kepulauan Sambergelap, on W. island.	3° 39.4' S 116° 36.3' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	69 21	12	White metal framework tower; 46.	Obscured by Balang Balangka 261°-266°, and by Sambergelap Island 286°-306°.
		*	*		*	*	9/15
24957 K 1438.22	-Tg Sarantiung.	3° 13.4' S 116° 17.1' E	Fl.W.			Post, green triangular daymark point up.	
	*	*	*	*	*	*	9/15
24957.5 K 1438.2	-S.	3° 13.6' S 116° 17.0' E	Fl.W.			Post, green triangular daymark point up.	
	*	*	*	*	*	*	9/15
24960.5 K 1435.8	Kota Baru.						Remove from list.
							*
24968 K 1430	Pulau Kunit.	4° 05.1' S 116° 02.9' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	443 135	18	White metal framework tower; 43.	Visible 237°-177°.
	*	*			*	*	*
24972 K 1434	-Suwangi, S. end.	3° 27.1' S 116° 01.4' E	Fl.W. period 3.5s fl. 0.5s, ec. 3s	92 28	13	White beacon.	
		*	*		*	*	9/15
24982 K 1442.7	Kalu Kalukuang.	5° 10.4' S 117° 39.4' E	Fl.(4)W. period 30s	144 44	19	White metal framework tower; 131.	
	*	*	*		*	*	9/15
24984 K 1443	Sibbalds Bank.						Remove from list.
							*
24987 K 1428	Satui Muara.	3° 49.0' S 115° 28.1' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	59 18	12	White beacon; 49.	
	*	*	*		*	*	*
24987.7 K 1444.4	Pulau Kapak, N. coast.						Remove from list.
							*

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24996 <i>K 1413.1</i>	-Outer.						<i>Remove from list.</i>
25000 <i>K 1413.7</i>	-Range, front.	3° 31.7' S 114° 29.9' E	Iso.W. period 2s	82 25	16	White beacon, black bands, white triangular daymark point up.	* 9/15
*	*	*	*	*	*	*	
25024 <i>K 1412</i>	Kahayan River.						<i>Remove from list.</i>
25028 <i>K 1412.3</i>	Kahayan, mouth of river.						<i>Remove from list.</i>
25044 <i>K 1411</i>	Tg. Putri.	2° 55.4' S 111° 23.5' E	Fl.R. period 5s fl. 0.5s, ec. 4.5s	43 13	12	Red beacon.	Radar reflector.
*	*	*	*	*	*		*
26539.4 <i>F 1202.59</i>	-NW. side.						<i>Remove from list.</i>
*							*
							9/15

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*13334 <i>E 3291.5</i>	-Cape Kopara.	43° 31.2' N 15° 58.3' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	30 9	3	Red square tower, gallery on pedestal.	
							9/15
13380 <i>E 3300</i>	-Rt Okruk.						<i>Remove from list.</i>
							*
*13425 <i>E 3348.2</i>	-Pomorac.	43° 30.1' N 16° 26.6' E	Fl.(2)W. period 20s fl. 0.8s, ec. 4.6s fl. 0.8s, ec. 13.8s	177 54	10	Square tower.	
							9/15
13426 <i>E 3348</i>	-Zenta, E. mole, head.	43° 30.0' N 16° 27.5' E	Fl.(2)G. period 4.5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 2.9s	30 9	4	Green tower on concrete base; 23.	Obscured 165°-263°.
							9/15
			*		*		

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13427 -Rt Ciova. <i>E 3331.2</i>		43° 29.3' N 16° 23.5' E	Fl.(3)W. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	30 9	7	White tower with gallery on concrete base; 23.	
*		*		*			9/15
*13480 -Stobrec Bay, W. side. <i>E 3356.5</i>		43° 30.0' N 16° 31.6' E	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	3	Red column.	Visible 133°-033°.
							9/15

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2014 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*6995 -Mierzeja Wislana, W. <i>C 3087</i>		54° 20.9' N 19° 06.8' E	Fl.Y. period 3s fl. 0.5s, ec. 2.5s	13 4	3	Dolphin.	
17329.1 ---Rear, about about 100 meters <i>C 4421.41</i>	207° from front.	61° 08.5' N 21° 18.4' E	Iso.W.R.G. period 3s	30 9	W. 3	Mast, red rectangular daymark, white stripe.	G. 028°-072°, W.-315°, R.-028°.
				*	*		9/15

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

NM 9/15

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 9/15**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

SECTION III

NM 9/15

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 181400Z February 2015:

2012 series	72(11)	409(14)	892(26)	55(24)	97(25)
286(GEN)	104(28)	509(24)	1014(11)	56(24)	111(26)
610(GEN)	116(28)	778(24)	1079(24)	70(11)	115(24,26)
2013 series	157(28)	829(11)	2015 series	78(11)	127(GEN)
286(24)	335(14)	836(28)	5(GEN)	90(GEN)	129(11)
640(28)	407(14)	864(24)	24(28)	95(25)	133(GEN)
2014 series	408(14)	870(24)	47(11)	96(24)	134(11)

The summary of all NAVAREA IV messages in force as of 17 December 2014 is given in Section III of NM 52/14.

NAVAREA IV WARNINGS issued from 111400Z to 181400Z February 2015.

116/15 thru 126/15. CANCELED.

127/15(11).

1. NAVAREA IV WARNINGS IN FORCE 150900Z FEB 15.

2012 SERIES: 286(11), 610(11).

2013 SERIES: 286(24), 640(28).

2014 SERIES: 72(11), 104(28), 116(28), 157(28), 335(14), 407(14), 408(14), 409(14), 509(24), 778(24), 829(11), 836(28), 864(24), 870(24), 892(26), 983(28), 1014(11), 1074(24,25), 1079(24).

2015 SERIES: 5(11), 24(28), 47(11), 55(24), 56(24), 70(11), 78(11), 90(11), 95(25), 96(24), 97(25), 111(26), 115(24,26), 126(11).

2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE AS OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14.

3. CANCEL NAVAREA IV 108/15.

(150916Z FEB 2015)

128/15. CANCELED.

129/15(11).

GULF OF MEXICO.

SEISMIC SURVEY 16 FEB UNTIL FURTHER NOTICE
BY M/V OSPREY EXPLORER TOWING 12000 METER
LONG CABLE IN AREA BOUND BY
26-26.6N 088-23.2W, 26-45.3N 088-01.2W,
25-36.7N 086-51.0W, 25-17.7N 087-12.3W.
EIGHT MILE BERTH REQUESTED.

(151723Z FEB 2015)

130/15 thru 132/15. CANCELED.

133/15(11).

NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.

1. 180001Z FEB ICEBERG LIMIT ALONG TRACKLINE JOINING
47-00N 052-54W, 47-15N 050-45W, 50-00N 047-45W,
51-30N 047-45W, 60-00N 057-45W.

2. WESTERN ICEBERG LIMIT ALONG TRACKLINE BETWEEN
51-18N 058-31W AND 50-33N 057-19W.

3. RADAR TARGET OUTSIDE ICEBERG LIMIT:
53-00N 049-00W.

4. SEA ICE LIMIT ALONG TRACKLINES:

A. JOINING
47-40N 052-40W, 48-30N 050-20W, 51-25N 049-35W,
55-15N 052-45W, 56-30N 055-55W, 58-00N 057-30W,
60-25N 058-00W, 61-50N 057-20W.

B. JOINING
43-45N 066-05W, 43-10N 065-50W, 45-45N 058-45W,
46-40N 058-20W, 48-10N 060-40W, 48-05N 059-00W.

C. BETWEEN
45-00N 065-10W AND 45-30N 065-10W.

D. JOINING
47-20N 055-20W, 47-30N 059-15W, 47-35N 059-20W.

5. REPORT POSITION AND TIME OF ANY ICEBERGS OR
STATIONARY RADAR TARGETS THAT MAY LIKELY BE
ICEBERGS TO THE NEAREST CANADIAN COAST GUARD
MARINE COMMUNICATIONS AND TRAFFIC SERVICE STATION
OR USING INMARSAT CODE 42.

6. CANCEL THIS MSG 190001Z FEB 15.

(172200Z FEB 2015)

SECTION III

134/15(11).

WESTERN NORTH ATLANTIC.
FLORIDA.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 231400Z TO 232200Z FEB
IN AREA BOUND BY
28-34.37N 080-34.25W, 28-34.37N 080-33.80W,
28-33.24N 080-33.24W, 28-33.24N 080-33.80W.
2. CANCEL THIS MSG 232300Z FEB 15.

(181022Z FEB 2015)

SECTION III

HYDROLANTS

Messages in force 181400Z February 2015:

2011 series	2771(36)	2584(24)	46(37)	300(24)	376(53)
881(56)	2849(35)	2627(54,56)	50(54)	301(53,56)	377(37)
1291(37)	2937(35)	2629(37)	51(54)	304(26,28)	379(26)
1331(37,43)	2014 series	2630(57)	52(54)	307(57)	380(26)
1652(35)	499(52)	2631(37)	53(54)	313(GEN)	381(23,24)
1966(37)	886(35)	2670(51)	59(54,56)	316(55)	382(54)
2012 series	1108(36)	2688(24)	124(24)	317(26)	384(54)
641(35,43)	1115(35)	2725(54)	125(26)	324(38)	385(53,56)
751(37)	1226(35,37)	2777(24)	133(37)	325(53,56)	386(53,56)
2118(35)	1493(37)	2842(37)	143(54)	327(24)	388(11)
2501(37)	1609(37,43)	2852(37)	164(55)	329(53,56)	389(36,37)
2839(37)	1783(37)	2873(57)	166(26)	333(53,56)	390(52,53,56)
2908(37)	1846(57)	2949(57)	194(51)	337(24)	391(52,53,56)
2013 series	1864(36)	2996(35,36)	197(54)	340(54,56)	393(37)
618(37)	1867(35)	3006(55)	202(37)	341(11,26,27)	396(35)
856(35)	1928(35)	3027(57)	215(57)	345(24)	398(11,27)
857(35)	1947(37)	3030(24)	217(24)	347(11)	399(57)
1151(37)	1994(51)	3054(57)	263(37,43)	348(54,56)	402(24)
1230(37)	1995(51)	3125(24)	265(24)	349(56)	403(GEN)
1390(55)	2215(35)	3130(35)	268(GEN)	351(51)	404(57)
1406(36)	2381(57)	3169(54,56)	279(51)	352(57)	407(36)
1583(37)	2383(55)	2015 series	282(43)	356(24)	409(56)
1613(36)	2397(36)	4(24)	283(37)	357(51)	411(37)
1637(37)	2413(36)	6(54)	292(37)	359(GEN)	413(54,56)
1680(44)	2427(57)	9(GEN)	293(24)	360(55)	414(11)
1981(37)	2456(57)	10(54)	294(12)	361(37)	415(14)
2044(35)	2515(52)	11(54)	295(24)	365(37)	417(43)
2397(35,37)	2529(37)	17(GEN)	298(54)	368(57)	
2758(57)	2573(51)	42(24)	299(11)	373(55)	

The summary of all HYDROLANTS in force as of 17 December 2014 is given in Section III of NM 52/14.

HYDROLANT WARNINGS issued from 111400Z to 181400Z February 2015.

348/15(54,56).

EASTERN MEDITERRANEAN SEA.

HAZARDOUS OPERATIONS.

DNC 10.

1. HAZARDOUS OPERATIONS 0500Z TO 1700Z DAILY 13 THRU 28 FEB
IN AREAS BETWEEN:
A. 35-08N 34-49N AND 035-27E 035-04E.
B. 35-21N 35-05N AND 030-30E 030-05E.
C. 34-45N 34-15N AND 031-34E 031-06E.
2. CANCEL THIS MSG 281800Z FEB 15.

(111217Z FEB 2015)

349/15(56).

EASTERN MEDITERRANEAN SEA.

LIBYA.

DNC 09.

VESSEL, 100 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-00N 014-00E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 390 6592 4145, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(111323Z FEB 2015)

350/15. CANCELED.

351/15(51).

EASTERN NORTH ATLANTIC.

GUINEA.

DNC 01.

1. SEISMIC SURVEY IN PROGRESS UNTIL 28 FEB
BY M/V POLARCUS ALIMA TOWING TEN 7500 METER LONG CABLES
IN AREA BETWEEN
10-58N 11-45N AND 017-35W 017-18W.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 335/15.
3. CANCEL THIS MSG 01 MAR 15.

(111658Z FEB 2015)

352/15(57).

GULF OF GUINEA.
 NIGERIA.
 DNC 01.

1. SEISMIC SURVEY 12 THRU 28 FEB
 BY M/V RAMFORM CHALLENGER TOWING 12 6000 METER LONG CABLES
 IN AREA BOUND BY
 04-00.6N 006-27.2E, 04-00.7N 007-14.8E,
 03-49.3N 007-14.8E, 03-49.1N 006-27.2E.
 SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 336/15(51,57).
3. CANCEL THIS MSG 01 MAR 15.

(111710Z FEB 2015)

353/15 thru 355/15. CANCELED.

356/15(24).

BRAZIL-EAST COAST.
 DNC 01.
 VESSEL FPSO CIDADE SAO MATEUS, SIX PERSONS ON BOARD,
 UNREPORTED. LAST KNOWN POSITION 19-55.27S 039-38.03W
 AT 111730Z FEB. VESSELS IN VICINITY REQUESTED TO KEEP
 A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY
 COASTAL RADIO STATION.

(120155Z FEB 2015)

357/15(51).

EASTERN NORTH ATLANTIC.
 MAURITANIA.
 DNC 01.

1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 30 MAR
 BY M/V BEAUTEMPS BEAUPRE IN AREAS BOUND BY:
 A. 20-55.0N 017-19.0W, 20-40.5N 017-04.0W,
 20-38.5N 017-04.0W, 20-53.0N 017-19.0W.
 B. 20-44.5N 017-01.0W, 20-42.5N 017-01.0W,
 20-04.5N 017-32.0W, 20-06.5N 017-32.0W.
2. MOORINGS, TEMPORARILY ESTABLISHED IN:
 A. 20-49.4N 017-10.3W.
 B. 20-22.0N 017-16.6W.
 C. 20-38.4N 017-07.7W.
 D. 20-43.5N 017-01.8W.
 WIDE BERTH REQUESTED.
3. CANCEL THIS MSG 31 MAR 15.

(120438Z FEB 2015)

358/15. CANCELED.

359/15(GEN).

INDIAN OCEAN.
 SOUTH AFRICA TO THAILAND.
 11.7 METER S/V MOORINGS, FIVE PERSONS ON BOARD, UNREPORTED
 CAPE TOWN (33-55-31S 018-25-26E) TO PHUKET (07-53-17N 098-23-51E).
 LAST KNOWN POSITION 29-55-00S 080-47-00E ON 15 JAN. VESSELS IN
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JRCC AUSTRALIA, PHONE: 612 6230 6811,
 FAX: 612 6230 6868, E-MAIL: RCCAUS@AMSA.GOV.AU.

(121232Z FEB 2015)

360/15(55).

BLACK SEA.
 UKRAINE.
 GUNNERY.
 DNC 10.

1. GUNNERY EXERCISES 0500Z TO 1700Z DAILY 13 THRU 18 FEB
 IN AREA BOUND BY
 44-39.0N 032-52.0E, 44-28.0N 033-06.0E,
 44-05.5N 032-48.5E, 44-25.0N 032-25.5E.
2. CANCEL THIS MSG 181800Z FEB 15.

(121241Z FEB 2015)

361/15(37).

NORTH SEA.
 DNC 20.
 SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V POLAR DUCHESS TOWING TEN 6000 METER LONG CABLES
 IN AREA BOUND BY
 56-00N 001-31E, 56-00N 001-51E,
 55-52N 001-51E, 55-52N 002-05E,
 55-27N 002-05E, 55-27N 001-32E.
 SIX MILE BERTH REQUESTED.

(121309Z FEB 2015)

SECTION III

NM 9/15

362/15 thru 364/15. CANCELED.

365/15(37).

SOUTHERN NORTH SEA.
ENGLAND-SOUTHEAST COAST.
DNC 20.
CHART 37140.
1. LIGHT AND FOG SIGNAL AT
METEOROLOGICAL MAST 51-56.6N 001-55.3E DISCONTINUED.
2. CANCEL HYDROLANT 2905/14.

(121658Z FEB 2015)

366/15 and 367/15. CANCELED.

368/15(57).

EASTERN SOUTH ATLANTIC.
NAMIBIA.
DNC 01.
CHART 57400.
FISHING GEAR MARKED BY ORANGE BUOY ABANDONED
IN 26-18.10S 013-45.52E.

(122019Z FEB 2015)

369/15 thru 372/15. CANCELED.

373/15(55).

BLACK SEA.
UKRAINE.
GUNNERY.
DNC 10.
1. GUNNERY EXERCISES 0500Z TO 1700Z DAILY 16 THRU 21 FEB
IN AREA BOUND BY
44-45.0N 033-06.0E, 44-53.0N 032-55.0E,
44-52.0N 033-11.0E, 44-45.0N 033-11.0E.
2. CANCEL THIS MSG 211800Z FEB 15.

(131306Z FEB 2015)

374/15 and 375/15. CANCELED.

376/15(53).

EASTERN MEDITERRANEAN SEA.
MALTA.
DNC 09.
1. HAZARDOUS OPERATIONS 0700Z TO 1500Z 16 THRU 20 FEB
WITHIN EIGHT MILES OF 35-30.5N 014-11.0E.
2. CANCEL THIS MSG 201600Z FEB 15.

(131334Z FEB 2015)

377/15(37).

NORTH SEA.
ENGLAND-EAST COAST.
DNC 20.
CHART 37059.
1. HUMBER LIGHTFLOAT 53-39.1N 000-20.0E TEMPORARILY
REPLACED BY BUOY, GREEN, LFL G 10 SEC.
2. CANCEL HYDROLANT 7/15.

(131413Z FEB 2015)

378/15. CANCELED.

379/15(26).

WESTERN NORTH ATLANTIC.
DNC 16.
1. DISTRESS SIGNAL RECEIVED ON 406 MHZ
FROM 38 FOOT S/V RRDREAM, THREE PERSONS ON BOARD
IN 24-00N 072-00W. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD RCC MIAMI,
PHONE: 305 415 6800, E-MAIL: RCCMIAMI@USCG.MIL.
2. CANCEL HYDROLANT 371/15.

(140039Z FEB 2015)

380/15(26).

WESTERN NORTH ATLANTIC.
DNC 16.
35 FOOT S/V ANGEL, BLACK HULL, ONE PERSON ON BOARD, UNREPORTED,
POSSIBLY DISABLED AND ADRIFF VICINITY 24-00N 071-00W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD RCC MIAMI,
PHONE: 305 415 6800, E-MAIL: RCCMIAMI@USCG.MIL.

(140119Z FEB 2015)

381/15(23,24).

WESTERN SOUTH ATLANTIC.

URUGUAY.

DNC 01, DNC 07.

S/V TUNANTE II DISMASTED AND ADRIFT IN AREA BOUND BY

35-00S 052-00W, 36-00S 050-24W,

36-00S 037-00W, 43-00S 037-00W,

43-00S 052-00W.

VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(140211Z FEB 2015)

382/15(54).

AEGEAN SEA.

HAZARDOUS OPERATIONS.

DNC 09.

1. HAZARDOUS OPERATIONS 160600Z TO 161500Z FEB
AND 0600Z TO 1300Z DAILY 17 THRU 19 AND

24 THRU 26 FEB IN AREA BOUND BY

36-56N 023-29E, 36-42N 023-32E,

36-41N 023-48E, 36-47N 023-55E.

2. CANCEL HYDROLANT 48/15.

3. CANCEL THIS MSG 261400Z FEB 15.

(140534Z FEB 2015)

383/15. CANCELED.

384/15(54).

AEGEAN SEA.

HAZARDOUS OPERATIONS.

DNC 09.

1. HAZARDOUS OPERATIONS 0700Z TO 1200Z DAILY
18 AND 19 FEB WITHIN FIVE MILES OF

37-54.48N 024-50.12E.

2. CANCEL THIS MSG 191300Z FEB 15.

(140630Z FEB 2015)

385/15(53,56).

EASTERN MEDITERRANEAN SEA.

DNC 09.

TWO VESSELS, NUMEROUS PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-34N 013-57E AT 141025Z FEB. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220, PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793, E-MAIL: ITMRCC@MIT.GOV.IT.

(141158Z FEB 2015)

386/15(53,56).

EASTERN MEDITERRANEAN SEA.

DNC 09.

VESSEL, WHITE HULL, 100 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-36N 013-57E AT 141025Z FEB. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220, PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793, E-MAIL: ITMRCC@MIT.GOV.IT.

(141224Z FEB 2015)

387/15. CANCELED.

388/15(11).

WESTERN NORTH ATLANTIC.

NORTH CAROLINA.

DNC 17.

DISTRESS SIGNAL RECEIVED ON 406 MHZ
FROM 40 FOOT S/V TRIO, WHITE HULL,

FOUR PERSONS ON BOARD, IN

33-31.53N 076-43.30W AT 142308Z FEB.

VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD NORFOLK,
PHONE: 757 398 6391,
FAX: 757 398 6392,
E-MAIL: D05-SMB-D5CC@USCG.MIL.

(150023Z FEB 2015)

SECTION III

NM 9/15

389/15(36,37).

EASTERN NORTH ATLANTIC.
CELTIC SEA.
DNC 08, DNC 19.

1. UNDERWATER OPERATIONS 170001Z TO 242359Z FEB
BY M/V THALASSA IN AREA BOUNDED BY
48-00N 008-20W, 48-00N 007-00W,
47-40N 007-00W, 47-40N 007-20W,
47-20N 007-20W, 47-20N 007-40W,
47-00N 007-40W, 47-00N 008-20W,
47-20N 008-20W, 47-20N 009-20W,
47-40N 009-20W, 47-40N 008-20W.
2. CANCEL THIS MSG 250059Z FEB 15.

(150909Z FEB 2015)

390/15(52,53,56).

EASTERN MEDITERRANEAN SEA.
DNC 08, DNC 09.
VESSEL, 44 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-48N 012-22E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 390 6592 4145, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(150910Z FEB 2015)

391/15(52,53,56).

EASTERN MEDITERRANEAN SEA.
DNC 08, DNC 09.

VESSELS IN DISTRESS IN:
A. 34-00N 012-21E.
B. 33-37N 012-11E.
C. 33-35N 012-30E.
D. 33-24N 012-31E.
E. 33-40N 013-44E.
F. 33-29N 013-53E.

VESSELS IN VICINITY

REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 390 6592 4145, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(150943Z FEB 2015)

392/15. CANCELED.

393/15(37).

NORTH SEA.
DNC 20, DNC 21.
CHART 37010.
ALL NAVIGATIONAL AIDS AT PLATFORM 44/17-MH
54-26.1N 002-18.0E INOPERATIVE.

(151042Z FEB 2015)

394/15 and 395/15. CANCELED.

396/15(35).

SCOTLAND-NORTHEAST COAST.
ORKNEY ISLANDS.
DNC 20.
CHART 35056.
1. NAVIGATION PROHIBITED UNTIL FURTHER NOTICE UNLESS
AUTHORIZED BY MRCC SHETLAND WITHIN TWO MILES OF
58-40.2N 002-32.3W.
2. CANCEL HYDROLANT 37/15.

(151734Z FEB 2015)

397/15. CANCELED.

398/15(11,27).

WESTERN NORTH ATLANTIC.
STRAIT OF FLORIDA.
FLORIDA TO CUBA.
DNC 15.
19 FOOT M/V, WHITE AND BLUE HULL, ONE PERSON ON BOARD,
UNREPORTED KEY WEST (24-33N 081-47W) TO
HAVANA (23-08N 082-23W). VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC MIAMI, PHONE: 305 415 6800,
E-MAIL: RCCMIAMI@USCG.MIL.

(151834Z FEB 2015)

SECTION III

399/15(57).

GULF OF GUINEA.

DNC 01.

1. SEISMIC SURVEY IN PROGRESS UNTIL 310001Z AUG
BY M/V RAMFORM VIKING TOWING TEN 10000 METER LONG
CABLES IN AREA BOUND BY
04-21N 006-11W, 04-30N 004-46W,
03-54N 004-46W, 03-45N 006-11W.
NINE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 310101Z AUG 15.

(152045Z FEB 2015)

400/15 and 401/15. CANCELED.

402/15(24).

WESTERN SOUTH ATLANTIC.

BRAZIL-EAST COAST.

HAZARDOUS OPERATIONS.

DNC 01.

1. HAZARDOUS OPERATIONS 201600Z TO 201800Z FEB
IN AREA BOUND BY
10-52.02S 036-49.12W, 10-52.65S 036-47.75W,
10-53.05S 036-48.00W, 10-52.45S 036-49.35W.
2. CANCEL THIS MSG 201900Z FEB 15.

(160435Z FEB 2015)

403/15(GEN).

INDIAN OCEAN.

SOUTH AFRICA TO THAILAND.

VESSEL, ONE PERSON ON BOARD, UNREPORTED CAPE TOWN

(33-55-31S 018-25-26E) TO PHUKET (07-53-17N 098-23-51E).

VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC BASARNAS,
PHONE: 6221 6586 7510, FAX: 6221 6586 7512,
E-MAIL: KAGAHAR@BASARNAS.GO.ID, KAGAHAR@YAHOO.COM,
KAGAHAR@GMAIL.COM.

(160825Z FEB 2015)

404/15(57).

EASTER SOUTH ATLANTIC.

NAMIBIA.

DNC 01.

1. SEISMIC SURVEY 17 FEB THRU 04 MAR BY
M/V NORTHERN EXPLORER IN AREA BOUND BY
24-33S 012-13E, 22-58S 011-47E,
22-53S 012-43E, 24-25S 013-09E.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 05 MAR 15.

(160948Z FEB 2015)

405/15 and 406/15. CANCELED.

407/15(36).

IRISH SEA.

ISLE OF MAN.

DNC 20.

CHART 36025.

RACON AT POINT OF AYRE LIGHT 54-24.9N 004-22.1W UNRELIABLE.

(161637Z FEB 2015)

408/15. CANCELED.

409/15(56).

EASTER MEDITERRANEAN SEA.

LIBYA.

DNC 09.

VESSEL, 100 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 32-54N 013-31E AT 170520Z FEB. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(170735Z FEB 2015)

410/15. CANCELED.

SECTION III

NM 9/15

411/15(37).
DOVER STRAIT.
DNC 20.
CHART 37120.
1. RUYTINGEN SW BUOY RELOCATED TO 51-04.2N 001-45.5E.
2. CANCEL HYDROLANT 47/15.

(171214Z FEB 2015)

412/15. CANCELED.

413/15(54,56).
EASTERN MEDITERRANEAN SEA.
HAZARDOUS OPERATIONS.
DNC 10.
1. HAZARDOUS OPERATIONS 181100Z TO 181500Z FEB
IN AREA BOUND BY
34-15.0N 034-34.0E, 34-10.0N 034-41.3E
33-53.0N 034-26.0E, 34-00.0N 034-14.0E.
2. CANCEL THIS MSG 181600Z FEB 15.

(171246Z FEB 2015)

414/15(11).
WESTERN NORTH ATLANTIC.
STRAIT OF FLORIDA.
DNC 15.
DISTRESS SIGNAL RECEIVED VICINITY 25-00N 080-00W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD MIAMI,
PHONE: 305 415 6800,
E-MAIL: RCCMIAMI@USCG.MIL.

(172055Z FEB 2015)

415/15(14).
WESTERN NORTH ATLANTIC.
DNC 17.
DISTRESS SIGNAL RECEIVED ON 406 MHZ
IN 39-58.7N 055-57.3W AT 171820Z FEB.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD NORFOLK,
PHONE: 757 398 6231,
FAX: 757 398 6392,
E-MAIL: D05-SMB-D5CC@USCG.MIL.

(172126Z FEB 2015)

416/15. CANCELED.

417/15(43).
NORWEGIAN SEA.
ROCKETS.
DNC 22.
1. HAZARDOUS OPERATIONS 0700Z TO 1800Z DAILY
19 AND 20 FEB IN AREAS BOUND BY:
A. 69-23.5N 15-56.0E, 69-18.0N 16-01.0E,
69-22.0N 15-49.0E, 69-23.5N 15-56.0E.
B. 69-36.0N 13-47.0E, 70-07.0N 16-09.0E,
70-24.0N 13-57.0E, 69-36.0N 13-47.0E.
2. CANCEL THIS MSG 201900Z FEB 15.

(180139Z FEB 2015)

SECTION III**NAVAREA XII**

Messages in force 181400Z February 2015:

2012 series	230(21)	3(GEN)	39(18,21)	61(18)	65(GEN)
110(97)	489(19,83)	26(22)	42(21)	62(18)	
2014 series	2015 series	37(21,22)	46(GEN)	64(18,19)	

The summary of all NAVAREA XII messages in force as of 17 December 2014 is given in Section III of NM 52/14.

NAVAREA XII WARNINGS issued from 111400Z to 181400Z February 2015.

60/15. CANCELED.

61/15(18).

EASTERN NORTH PACIFIC.

CALIFORNIA.

MISSILES.

1. HAZARDOUS OPERATIONS 181600Z TO 182300Z FEB,
ALTERNATE 191600Z TO 192300Z FEB
IN AREA BOUND BY
33-49N 119-39W, 33-32N 119-17W,
32-47N 119-50W, 32-48N 120-31W,
33-28N 120-56W.
2. CANCEL THIS MSG 192359Z FEB 15.

(130604Z FEB 2015)

62/15(18).

EASTERN NORTH PACIFIC.

CALIFORNIA.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. IN PROGRESS UNTIL 202100Z FEB IN AREA BOUND BY
33-08-04N 118-46-02W, 33-05-37N 118-43-34W,
32-58-53N 118-43-31W, 32-47-38N 118-32-19W,
32-36-55N 118-44-54W, 32-36-55N 118-56-57W,
32-54-18N 119-13-29W, 33-08-04N 118-55-31W.
- B. 172000Z TO 180500Z, 181500Z TO 190200Z,
191400Z TO 200700Z, 201400Z TO 210700Z AND
211400Z TO 220600Z FEB IN AREA BOUND BY
32-55-00N 118-25-00W, 32-55-00N 118-15-00W,
32-40-00N 118-15-00W, 32-40-00N 118-35-00W,
32-45-00N 118-35-00W.
2. CANCEL NAVAREA XII 54/15(18).
3. CANCEL THIS MSG 220700Z FEB 15.

(140417Z FEB 2015)

63/15. CANCELED.

64/15(18,19).

EASTERN NORTH PACIFIC.

CALIFORNIA.

MISSILES.

1. HAZARDOUS OPERATIONS 200600Z TO 251630Z FEB
IN AREAS BETWEEN:
A. 34-30N 35-06N AND 123-00W 125-30W.
B. 34-20N 34-50N AND 127-00W 129-15W.
C. 34-20N 34-40N AND 131-40W 130-20W.
D. 33-00N 34-15N AND 145-00W 139-45W.
E. 28-45N 30-15N AND 162-45W 160-00W.
2. CANCEL THIS MSG 251730Z FEB 15.

(150917Z FEB 2015)

65/15(18).

1. NAVAREA XII WARNINGS IN FORCE 150900Z FEB 15.

2012 SERIES: 110(97).

2014 SERIES: 230(21), 489(19,83).

2015 SERIES: 3(GEN), 26(22), 37(21,22), 39(18,21),
42(21), 46(GEN), 61(18), 62(18), 64(18,19).

2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE

AS OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14.

3. CANCEL NAVAREA XII 53/15, 63/15.

(150917Z FEB 2015)

SECTION III

NM 9/15

HYDROPACS

Messages in force 181400Z February 2015:

2011 series	1077(63)	3696(22)	207(21)	382(63)	519(81)
1561(56)	1118(74)	3759(63)	219(22)	386(21)	522(63)
2286(71)	1209(62)	3768(62)	220(63)	390(61)	528(74)
2812(71)	1325(96)	3769(63)	225(71)	392(71)	531(71)
3552(96)	1368(93)	3775(22)	254(76)	395(19)	532(71,93)
2012 series	1392(71)	3808(63)	259(61)	396(63)	540(63)
408(94)	1445(22)	3823(63)	276(21,22)	397(63)	541(22)
1079(97)	1452(62)	3877(63)	283(21)	400(63)	543(63)
1222(97)	1561(72,74)	2015 series	289(62)	402(61,74,75)	544(22)
1377(94,95)	1570(74)	5(62)	293(63)	405(63)	549(74,75,76)
1555(96)	1672(22)	9(63)	296(97)	415(22)	550(22)
1824(76)	2130(72)	24(GEN)	299(18)	422(63)	551(81)
1847(63)	2154(63)	71(83)	309(63)	432(63)	552(GEN)
2013 series	2222(22)	83(21)	312(91,94)	435(GEN)	553(63)
899(75)	2223(22)	90(74)	313(94)	440(62,63)	555(61)
1076(63)	2238(97)	93(71,93)	315(94)	452(74,76)	557(22)
1178(63)	2342(63)	110(74)	318(72)	456(73,81,82)	559(74,82,83)
2019(62)	2360(63)	115(63)	328(74)	464(83)	560(21)
2493(93)	2422(63)	119(18)	331(63)	467(83)	561(75)
2988(76,83)	2789(62)	125(63)	333(63)	471(93)	562(75)
3004(63)	2905(22)	132(22)	338(63)	472(83)	563(62)
3276(74)	2906(22)	135(61)	342(71)	473(63)	570(93)
3405(97)	2907(22)	141(94)	345(97)	476(63)	571(74)
3660(93)	2942(63)	146(76)	349(61)	477(74,75)	572(74)
3708(74)	2993(94)	150(93)	350(74)	479(21)	573(63)
2014 series	3019(63)	165(18)	356(76)	480(61)	574(63)
246(71)	3091(63)	182(63)	357(GEN)	481(94)	575(63)
447(63)	3528(93)	193(83)	362(18)	505(63)	
496(74)	3631(74,75)	198(96,97)	364(GEN)	507(GEN)	
656(63)	3646(74)	202(61)	369(83)	512(93)	
894(63)	3674(63)	203(63)	380(61,63,71)	518(63)	

The summary of all HYDROPACS in force as of 17 December 2014 is given in Section III of NM 52/14.

HYDROPAC WARNINGS issued from 111400Z to 181400Z February 2015.

492/15 thru 504/15. CANCELED.

505/15(63).

INDIA-WEST COAST.

GULF OF KHAMBHAT.

HAZARDOUS OPERATIONS.

DNC 03.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY

16 AND 20 FEB IN AREA BOUND BY

20-18.5N 072-02.5E, 20-18.5N 072-15.0E,

20-09.5N 072-12.0E, 20-09.5N 072-00.0E.

2. CANCEL THIS MSG 201230Z FEB 15.

(121038Z FEB 2015)

506/15. CANCELED.

507/15(GEN).

INDIAN OCEAN.

SOUTH AFRICA TO THAILAND.

11.7 METER S/V MOORINGS, FIVE PERSONS ON BOARD, UNREPORTED

CAPE TOWN (33-55-31S 018-25-26E) TO PHUKET (07-53-17N 098-23-51E).

LAST KNOWN POSITION 29-55-00S 080-47-00E ON 15 JAN. VESSELS IN

VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.

REPORTS TO JRCC AUSTRALIA, PHONE: 612 6230 6811,

FAX: 612 6230 6868, E-MAIL: RCCAUS@AMSA.GOV.AU.

(121157Z FEB 2015)

508/15 thru 511/15. CANCELED.

SECTION III

512/15(93).

GULF OF THAILAND.

VIETNAM.

DNC 03.

F/V BT 0115 TS, THREE PERSONS ON BOARD, FLOODING,

DISABLED AND ADRIFT IN 10-02N 104-14E AT 121730Z FEB.

VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,

ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,

PHONE: 844 3768 3050, FAX: 844 3768 3048,

E-MAIL: VMRCC@FPT.VN.

(122139Z FEB 2015)

513/15 thru 517/15. CANCELED.

518/15(63).

ARABIAN SEA.

PAKISTAN.

DNC 03.

CHART 63054.

DANGEROUS WRECK VICINITY 24-44N 066-59E.

(130925Z FEB 2015)

519/15(81).

WESTERN NORTH PACIFIC.

PHILIPPINE SEA.

GUNNERY.

DNC 12.

1. GUNNERY EXERCISES 161600Z TO 191600Z FEB

IN AREA BETWEEN

14-40N 16-20N AND 132-50E 135-25E.

2. CANCEL THIS MSG 191700Z FEB 15.

(131043Z FEB 2015)

520/15 and 521/15. CANCELED.

522/15(63).

BAY OF BENGAL.

INDIA-EAST COAST.

ROCKETS.

DNC 03.

1. HAZARDOUS OPERATIONS 0230Z TO 0630Z DAILY

19 AND 20 FEB IN AREA BOUND BY

21-22.33N 086-55.76E, 21-09.46N 086-50.98E,

20-45.94N 087-08.86E, 18-47.26N 087-49.13E,

18-58.15N 088-16.61E, 19-13.36N 088-41.76E,

20-52.10N 087-21.24E, 21-19.20N 087-10.54E,

21-22.68N 086-56.48E.

2. CANCEL THIS MSG 200730Z FEB 15.

(131202Z FEB 2015)

523/15 thru 527/15. CANCELED.

528/15(74).

EASTERN INDIAN OCEAN.

AUSTRALIA-NORTHWEST COAST.

DNC 04.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER

NOTICE BY M/V NOR AUSTRALIS IN 19-58.13S 115-12.46E.

ONE MILE BERTH REQUESTED.

(132140Z FEB 2015)

529/15 and 530/15. CANCELED.

531/15(71).

SOUTH CHINA SEA.

DNC 11.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 APR

BY M/V CGG ALIZE TOWING 12 FIVE MILE LONG CABLES

IN AREA BOUND BY

06-18.2N 110-31.0E, 06-30.6N 110-58.5E,

05-43.7N 111-19.7E, 05-31.3N 110-52.4E.

WIDE BERTH REQUESTED.

2. CANCEL HYDROPAC 527/15.

3. CANCEL THIS MSG 16 APR 15.

(140022Z FEB 2015)

SECTION III

NM 9/15

532/15(71,93).

SOUTH CHINA SEA.
MALAYSIA.
DNC 03, DNC 11.

DISTRESS SIGNAL RECEIVED IN 04-25N 105-06E AT 130704Z FEB.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT OPERATIONS
CONTROL CENTER, TELEX: 20021, PHONE: 65 6226 5539,
FAX: 65 6227 9971, E-MAIL: POCC@MPA.GOV.SG.

(140134Z FEB 2015)

533/15 thru 539/15. CANCELED.

540/15(63).

ARABIAN SEA.
INDIA-WEST COAST.
DNC 03.

MAN OVERBOARD FROM F/V GAURI NARMADA VICINITY 20-19.92N 070-36.04E
AT 121715Z FEB. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(141745Z FEB 2015)

541/15(22).

EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
DNC 07.

1. HAZARDOUS OPERATIONS 201400Z TO 201700Z FEB
IN AREA BETWEEN
33-07.0S 33-22.0S AND 071-57.0W 072-15.0W.
2. CANCEL THIS MSG 201800Z FEB 15.

(150914Z FEB 2015)

542/15. CANCELED.

543/15(63).

SOUTHERN ARABIAN SEA.
DNC 03.

1. THREE PERSONS MISSING FROM CAPSIZED VESSEL.
LAST KNOWN POSITION 04-23.54N 072-23.59E
AT 142100Z FEB. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC MUMBAI, PHONE: 9122 2438 8065,
9122 2438 3592, FAX: 9122 2431 6558,
E-MAIL: INDSAR@VSNL.NET.

2. CANCEL HYDROPAC 495/15.

(151222Z FEB 2015)

544/15(22).

EASTERN SOUTH PACIFIC.
PERU.
DNC 07.

1. F/V HELEN, BLUE AND RED HULL, DISABLED AND
ADRIFT VICINITY 16-34S 073-16W. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL
RADIO STATION.

2. CANCEL HYDROPAC 529/15.

(151308Z FEB 2015)

545/15 thru 548/15. CANCELED.

549/15(74,75,76).

TASMAN SEA.
HAZARDOUS OPERATIONS.
DNC 06.

1. HAZARDOUS OPERATIONS 182200Z FEB TO 190200Z FEB
WITHIN 20 MILES OF 34-20S 157-35E.
2. CANCEL THIS MSG 190300Z FEB 15.

(160220Z FEB 2015)

550/15(22).

EASTERN NORTH PACIFIC.
DNC 13.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 02-29.9N 109-47.6W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(160603Z FEB 2015)

SECTION III

551/15(81).

WESTERN NORTH PACIFIC.
 MARIANA ISLANDS.
 HAZARDOUS OPERATIONS.
 DNC 12.

1. HAZARDOUS OPERATIONS 162200Z TO 200900Z FEB
 WITHIN 12 MILES OF 16-01-06N 146-03-35E.
2. CANCEL THIS MSG 201000Z FEB 15.

(160618Z FEB 2015)

552/15(GEN).

INDIAN OCEAN.
 SOUTH AFRICA TO THAILAND.
 VESSEL, ONE PERSON ON BOARD, UNREPORTED CAPE TOWN
 (33-55-31S 018-25-26E) TO PHUKET (07-53-17N 098-23-51E).
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO RCC BASARNAS,
 PHONE: 6221 6586 7510, FAX: 6221 6586 7512,
 E-MAIL: KAGAHAR@BASARNAS.GO.ID, KAGAHAR@YAHOO.COM,
 KAGAHAR@GMAIL.COM.

(160800Z FEB 2015)

553/15(63).

BAY OF BENGAL.
 INDIA-EAST COAST.
 HAZARDOUS OPERATIONS
 DNC 03.

1. HAZARDOUS OPERATIONS 0130Z TO 1130Z DAILY
 22 THRU 28 FEB IN AREA BETWEEN
 13-30N 14-30N AND 082-00E 082-40E.
2. CANCEL THIS MSG 281230Z FEB 15.

(161027Z FEB 2015)

554/15. CANCELED.

555/15(61).

NORTHERN MOZAMBIQUE CHANNEL.
 COMOROS.
 DNC 02.

TWO VESSELS, TWO PERSONS ON BOARD EACH, OVERDUE
 ANJOUAN (12-15-00S 044-25-00E) TO MAYOTTE (12-50-35S 045-08-18E).
 POSSIBLY DISABLED AND ADRIFT. VESSELS IN VICINITY REQUESTED TO
 KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION,
 INMARSAT-C: 422799193, TELEX: 916140F, PHONE: 2622 6243 4343,
 FAX: 2622 6271 1595, E-MAIL: REUNION@MRCCFR.EU.

(162241Z FEB 2015)

556/15. CANCELED.

557/15(22).

EASTERN SOUTH PACIFIC.
 PERU.
 DNC 07.

1. SEISMIC SURVEY 171800Z TO 210200Z FEB
 BY M/V DISCOVERER TOWING 10000 METER LONG CABLE
 IN AREA BOUND BY
 08-31-15S 080-51-52W, 07-54-58S 079-26-01W,
 08-37-02S 078-51-42W, 09-14-22S 080-29-30W.
 WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 210300Z FEB 15.

(170002Z FEB 2015)

558/15. CANCELED.

559/15(74,82,83).

SOUTH PACIFIC.
 DNC 05, DNC 06.

1. UNDERWATER OPERATIONS 19 FEB THRU 03 APR BY M/V L ATALANTE
 ALONG TRACKLINE BETWEEN
 19-00S 155-00E AND 19-00S 160-06W.
2. CANCEL THIS MSG 04 APR 15.

(170052Z FEB 2015)

560/15(21).

EASTERN NORTH PACIFIC.
 DNC 13.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 16-31.8N 110-09.6W.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA,
 TELEX: 230172343, PHONE: 510 437 3701,
 E-MAIL: RCCALAMEDA@USCG.MIL.

(170119Z FEB 2015)

SECTION III

NM 9/15

561/15(75).

AUSTRALIA-SOUTH COAST.
GREAT AUSTRALIAN BIGHT.
DNC 04, DNC 05.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V SANCO SWORD IN AREA BETWEEN 33-59S 35-54S AND 130-52E 132-36E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 339/15(63).

(170654Z FEB 2015)

562/15(75).

AUSTRALIA-SOUTH COAST.
GREAT AUSTRALIAN BIGHT.
DNC 04, DNC 05.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V SANCO SWIFT IN AREA BETWEEN 33-53S 34-55S AND 130-46E 131-51E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 92/15.

(170702Z FEB 2015)

563/15(62).

GULF OF SUEZ.
DNC 10.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 04 MAR BY M/V VOS APOLLO AND M/V VOS APHRODITE IN 28-13.24N 033-27.49E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 05 MAR 15.

(171141Z FEB 2015)

564/15 thru 569/15. CANCELED.

570/15(93).

SOUTH CHINA SEA.
DNC 11, DNC 23.
F/V QNG 98789-TS, FIVE PERSONS ON BOARD, DISABLED AND ADRIFT DUE TO ENGINE FAILURE IN 15-00N 115-20E AT 180200Z FEB. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM, PHONE: 844 3768 3050, FAX: 844 3768 3048, E-MAIL: VMRCC@FPT.VN.

(180947Z FEB 2015)

571/15(74).

EASTERN INDIAN OCEAN.
DNC 04.

1. 12 METER LONG FISHING NET ADRIFT IN 12-52.91S 119-02.98E AT 180625Z FEB.
2. CANCEL THIS MSG 210957Z FEB 15.

(180952Z FEB 2015)

572/15(74).

AUSTRALIA-EAST COAST.
CORAL SEA.
DNC 05.
LIFERAFT, ONE PERSON ON BOARD, ADRIFT VICINITY 23-39.50S 151-37.60E AT 180845Z FEB. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA, PHONE: 612 6230 6811, FAX: 612 6230 6868, E-MAIL: RCCAUS@AMSA.GOV.AU.

(180957Z FEB 2015)

573/15(63).

ANDAMAN SEA.
ANDAMAN ISLANDS.
HAZARDOUS OPERATIONS.
DNC 03.

1. HAZARDOUS OPERATIONS 210001Z TO 210115Z FEB IN AREA BETWEEN 11-08N 11-18N AND 092-38E 092-48E.
2. CANCEL THIS MSG 210215Z FEB 15.

(181035Z FEB 2015)

SECTION III

574/15(63).

INDIA-SOUTH COAST.

GULF OF MANNAR.

HAZARDOUS OPERATIONS.

DNC 03.

1. HAZARDOUS OPERATIONS 0130Z TO 1130Z DAILY

24 THRU 28 FEB IN AREA BOUND BY

08-25N 078-25E, 08-40N 078-45E,

08-35N 078-30E.

2. CANCEL THIS MSG 281230Z FEB 15.

(181039Z FEB 2015)

575/15(63).

INDIA-WEST COAST.

GULF OF KACHCHH.

HAZARDOUS OPERATIONS.

DNC 03.

1. HAZARDOUS OPERATIONS 230530Z TO 230730Z FEB

WITHIN 12 MILES OF 22-28.04N 069-04.99E

BETWEEN 300 DEGREES AND 020 DEGREES.

2. CANCEL THIS MSG 230830Z FEB 15.

(181052Z FEB 2015)

SECTION III

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HYDROARCS

Messages in force 181400Z February 2015:

2010 series	2012 series	2013 series	131(16)	269(16)	7(GEN)
56(15)	112(15)	127(41)	158(15)	270(16)	9(43)
102(15)	160(15,16)	280(42)	232(42)	308(41)	11(GEN)
103(16,41)	193(15)	2014 series	240(16)	337(42)	12(42)
2011 series	220(GEN)	33(42)	241(16,96)	2015 series	13(43)
160(42)	260(42)	98(16,96)	268(16)	2(GEN)	

The summary of all HYDROARCS messages in force as of 17 December 2014 is given in Section III of NM 52/14.

HYDROARCS WARNINGS issued from 111400Z to 181400Z February 2015.

12/15(42).

ARCTIC.
BARENTS SEA.
DNC 22.
CHART 42740.
1. NAVIGATION PROHIBITED 171600Z TO 221200Z FEB
IN AREA BETWEEN
70-08N 69-48N AND 035-18E 035-58E.
2. CANCEL THIS MSG 221300Z FEB 15.

(160608Z FEB 2015)

13/15(43).

NORWEGIAN SEA.
ROCKETS.
DNC 22.
1. HAZARDOUS OPERATIONS 0700Z TO 1800Z DAILY
19 AND 20 FEB IN AREAS BOUND BY:
A. 69-23.5N 15-56.0E, 69-18.0N 16-01.0E,
69-22.0N 15-49.0E, 69-23.5N 15-56.0E.
B. 69-36.0N 13-47.0E, 70-07.0N 16-09.0E,
70-24.0N 13-57.0E, 69-36.0N 13-47.0E.
2. CANCEL THIS MSG 201900Z FEB 15.

(180148Z FEB 2015)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>), by referring to Section I (paragraph 49) of US Notice to Mariners 1/15 for those in-force as of 23 December 2014, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W25-308, 1200 New Jersey Avenue S.E., Washington DC 20590, Telephone (202) 366-1883, FAX (202) 366-3954, Cell (202) 641-5071.

MARAD ADVISORIES in force 18 February 2015: 00-7, 05-1, 06-1, 07-1, 10-6, 11-3, 11-5, 12-1, 13-1, 13-2, 13-3, 13-4, 13-5, 14-1, 14-2 and 14-3.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/15 for those in-force as of 23 December 2014 and in Notice to Mariners 4/15.

SPECIAL WARNINGS in force 18 February 2015: 1, 29, 92, 114, 119, 120, 122, 123, 124, 125, 127, 128, 129, 130 and 131.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products: Print-on-Demand (POD) and traditional paper charts.

- Print-on-Demand (POD) charts are distributed by OceanGrafix (<http://www.OceanGrafix.com>), and East View Geospatial, Inc. (<http://www.geospatial.com/Default.aspx?tabid=120>)

- Civilian users may obtain traditional NOAA/NOS paper charts through a local NOAA chart agent at <http://aeronav.faa.gov/agents.asp> (Note that this is an FAA site that lists both aeronautical and nautical chart agents), and -DOD and other authorized U.S. Government users may obtain traditional NOAA/NOS paper charts through the Defense Logistics Agency (DLA).

The Print-on-Demand Chart is available one to two days after NOAA clears a New Edition for release. The Traditional Chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. Each should be updated from the dates shown in the lower left corner of the chart. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1968 x 105. Dates of Latest Editions for charts are listed at <http://nauticalcharts.noaa.gov>.

12222	55 th Ed. Feb 2015 NEW EDITION CAPE CHARLES TO NORFOLK HARBOR	NAD 83	(NOS Silver Spring, MD) 1:40,000
14803	28 th Ed. Feb 2015 NEW EDITION SIX MILES SOUTH OF STONY POINT TO PORT BAY	NAD 83	(NOS Silver Spring, MD) 1:80,000
16432	12 th Ed. Feb 2015 NEW EDITION MASSACRE BAY	NAD 83	(NOS Silver Spring, MD) 1:25,000
16463	8 th Ed. Feb 2015 NEW EDITION KANAGA PASS AND APPROACHES	NAD 83	(NOS Silver Spring, MD) 1:50,000
16478	11 th Ed. Feb 2015 NEW EDITION TAGALAK ISLAND TO GREAT SITKIN ISLAND	NAD 83	(NOS Silver Spring, MD) 1:30,000
16486	8 th Ed. Feb 2015 NEW EDITION ATKA ISLAND - WESTERN PART	NAD 83	(NOS Silver Spring, MD) 1:40,000

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan and Superior, and St. Lawrence River, Forty-fifth Edition, 2015, has been issued and is ready for free download and weekly updates at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

Print-on-Demand (POD) bound copies are available for purchase; see <http://www.nauticalcharts.noaa.gov/staff/charts.htm#POD>.

Annually printed copies will be available about three weeks from date of this announcement from authorized chart agents and their sales outlets. An agent listing may be viewed at <http://aeronav.faa.gov>.

The 2015 Edition cancels the preceding 2014 Edition, and incorporates all previous corrections.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA standard nautical hardcopy chart products are made available and distributed by three different authorized methods:

1) The mailing and shipping of charts to Department of Defense (DoD) customers and other authorized U.S. Government users by the Defense Logistics Agency (DLA)

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- 2) The posting of selected new charts (as large pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users
 3) The print-on-demand access of all public release NGA charts by the National Ocean Service (NOS) and official NOS chart agents, on behalf of NGA

The posting of selected new NGA charts (as large pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users is normally made the day after NGA clears the New Edition for release and the chart is sent to be printed in mass quantity for DLA stock. The traditional NGA printed paper chart is then usually available some six to eight weeks later from DLA and sent out on automatic distribution. For those charts set for public sale, they are available a week after NGA release from the National Ocean Service at
<http://www.nauticalcharts.noaa.gov/staff/charts.htm>

Regardless of how the NGA chart is obtained by the customer (downloaded from NGA website, distributed from DLA, or obtained through NOS) each is official, should be put into service immediately, and meets all Federal chart carriage requirements immediately upon its release. Each should also be updated from the dates shown in the lower left corner of the chart through the US Notice to Mariners. For questions, contact NGA at mcdepod@nga.mil.

Through a special arrangement between the National Ocean Service and NGA, all NOAA charts are also available (as large pdf print files) on the NGA websites for Department of Defense (DoD) customers and other authorized U.S. Government users. These NOAA chart files are updated every week for all Notice to Mariners (NGA, USCG, and Canadian Coast Guard). The official NGA web sites for downloading selected NGA and NOAA charts are:

- JWICS: <http://www.geoint.nga.ic.gov/products/dnc1/epods/index.htm>
- NIPRNet: <https://www.geointel.nga.mil/products/dnc/epods/index.htm>
- SIPRNet: <http://www.geoint.nga.smil.mil/products/dnc1/epods/index.htm>

This week's new editions released by NGA are listed below. These NGA charts are now available for download as large pdf print files at the above mentioned web sites.

22483	1 st Ed. Feb. 7, 2015 NEW CHART PASO NUEVO TO CABO FROWARD (Correct through NM 6/15).	WGS	(NGA Springfield, VA)
			1:100,000
			Limited Distribution

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

Since the mid-1990's, the National Geospatial-Intelligence Agency (NGA) has been working to improve digital navigation product support for the US Navy and other US Government users. The US Navy is transitioning to digital navigation, thus reducing the need for NGA to continue production of hardcopy charts. Therefore, NGA has begun a gradual transition from hardcopy chart production to a digital data maintenance environment. This notice is to advise mariners, chart agents, and other users of this strategy.

During the gradual transition from hardcopy charts to digital charts, NGA will continue to make certain hardcopy charts available only to US Government-approved entities, in accordance with US law or international agreement. These particular charts will be identified as "bilateral charts," since they are the product of international bilateral agreements and are duplicates of foreign copyright charts. Each bilateral chart will carry an NGA chart number, a National Stock Number (NSN), a bar code, and will show the number of any existing NGA chart that it replaces only when the chart is a one-for-one replacement. For those charts that are not a one-for-one replacement, no canceled chart number will appear. In the case where more than one new chart is being introduced to replace a single NGA chart, the existing chart will not be canceled until all new replacement charts have been announced in the Notice to Mariners.

Bilateral charts are the result of NGA international agreements and are duplicates of foreign copyrighted charts. The charts are printed in English, use metric units, refer to WGS-84 datum and are marked as "Distribution Limited." However, certain bilateral charts have not yet been converted to WGS-84 datum, and are of sufficiently large scale (generally larger than 1:50,000) where the difference from WGS-84 datum is noticeable. These exception charts are printed with datum shift values,

which must be applied in order to plot GPS-derived positions correctly. The exception charts are scheduled for eventual conversion to WGS-84 datum; until this occurs, their chart numbers will appear bold-faced in the announcement list below.

Bilateral charts will contain references to host nation charts and publications, and may use symbology not yet found in US Chart No. 1. In most cases, NGA will not attempt to change these references to the equivalent US charts, publications or symbology. However, it should be noted that relevant maritime information referenced in a foreign publication can also usually be found within Sailing Directions, Notice to Mariners No. 1 (Special Paragraphs), List of Lights, Radio Navigational Aids, or Chart No. 1. Updates to Sailing Directions and other electronic publications can be made through the application of digital patch files (PDU files), available for download from the NGA Maritime Safety Web site.

As the US Navy completes its transition to digital navigation, the use of bilateral charts will be gradually phased out. Until then, Section II of the Notice to Mariners, NGA/DLIS Catalog Corrections, will contain information about specific bilateral charts being announced as well as cancellation of any existing charts that they replace. Update information for bilateral charts will appear in Section I of the Notice to Mariners, Chart Corrections. Standard chart policy remains intact, in that NGA charts are not to be placed in service until their announcement appears in the US Notice to Mariners.

NGA has begun adopting bilateral charts in waters of Australia, Canada, Japan, and the UK, with additional countries to follow. What this further means is that NGA no longer provides certain hardcopy charts (i.e., those replaced by bilateral charts) for public sale. To obtain these hardcopy charts, civilian users will be required to purchase bilateral chart equivalents from their producer nations and their agents. Contact information for purchasing Australian, Canadian, Japanese, and UK charts is listed below:

Australian Hydrographic Service Web site: <http://www.hydro.gov.au>

Australian Distribution Network: <http://www.hydro.gov.au/prodserv/distributors/distributors.htm>

Canadian Hydrographic Service Web site: <http://notmar.com/charts/index.php>

Canadian Sales Agents: <http://www.chs-shc.dfo-mpo.gc.ca/chs/en/Dealers/locate.htm>

Japan Coast Guard and List of Agents Web sites: <http://www1.kaiho.mlit.go.jp/jhd-E.html>

UK Hydrographic Office Web site: <http://www.ukho.gov.uk>

UK Sales Agents: http://www.ukho.gov.uk/list_of_agents.html

NGA issues this notice weekly. It will also appear in the “What’s New @ Maritime” section of the Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>); however, the following list of announced bilateral charts will only appear in the Notice to Mariners.

NGA bilateral Australian, Canadian, Japanese, and UK charts announced to date:

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14006	14ACO14334	Can. 4016	9/09	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
14042	14XHA14020	Can. 4396	1/05	35/12
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	36/12
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	
14068	14XHA14032	Can. 4209	47/05	
14083	14AHA14035	Can. 4211	18/11	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14202	14XHA14193	Can. 1432	38/03	
14202	14XHA14195	Can. 1431	42/03	11/08
14203	14XHA14195	Can. 1431	42/03	11/08
14221	14XHA14209	Can. 1311	32/08	
14221	14XHA14211	Can. 1312	40/03	5/08
14222	14XHA14211	Can. 1312	40/03	5/08
14227	14XHA14215	Can. 1316	39/03	38/12
14240	14XHA14217	Can. 1236	43/03	38/12
14241	14XHA14218	Can. 1233	39/03	38/12
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14366	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	39/12
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	
15041	15ACO15007	Can. 4731	41/08	
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	
15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	17ACO17007	Can. 3002	40/08	
17005	17ACO17010	Can. 3001	41/14	
17412	17XHA17410	Can. 3890	40/08	
17413	17ACO17411	Can. 3802	42/08	
17414	17BCO17415	Can. 3854	42/08	
17416	17BCO17417	Can. 3853	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3724	12/10	
17465	17XHA17451	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	
17486	17XCO17458	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	17XCO17510	Can. 3603	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
18405	18BHA18426	Can. 3493	25/07	49/11
18406	18BHA18435	Can. 3481	23/07	36/12
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	1/12
35009	35ACO35004	UK 273	19/04	1/12
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/13
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	35/13
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	31/12
35022	35ACO35017	UK 1128	16/08	21/12
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK 1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	23/14
35082	35BHA35037	UK 735	31/04	2/12
35084	35BHA35045	UK 1481	32/04	8/13
35086	35BHA35048	UK 736	32/04	34/14
35088	35BHA35050	UK 190	28/04	9/13
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	3/12
35120	35ACO35055	UK 115	23/04	34/13
35130	35ACO35056	UK 1942	12/06	35/13
35135	35ACO35057	UK 2249	27/07	39/10
35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	49/08
35150	35ACO35063	UK 1119	27/07	11/13
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	11/13
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	25/13
35170	35ACO35072	UK 3282	30/07	25/13
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	10/13
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	8/13

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
35230	35ACO35078	UK 1794	24/07	27/13
35236	35AHA35079	UK 2207	28/07	39/10
35237	35AHA35089	UK 2208	30/07	25/13
35239	35AHA35090	UK 2210	28/07	18/13
35243	35BHA35091	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	13/10
35247	35AHA35093	UK 1796	28/07	39/10
35248	35BHA35094	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	17/13
35255	35AHA35096	UK 2171	30/07	23/14
35256	35AHA35097	UK 2390	24/07	35/13
35260	35ACO35104	UK 2722	27/07	8/13
35265	35ACO35106	UK 1778	27/07	33/09
35270	35AHA35109	UK 2169	29/07	24/14
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	23/14
35278	35BHA35114	UK 2343	4/06	23/14
35279	35BHA35115	UK 2397	29/06	23/14
35295	35BHA35116	UK 2481	22/06	23/14
35296	35BHA35117	UK 2396	25/06	23/14
35298	35BHA35118	UK 2168	7/07	23/14
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35302	35ACO35123	UK 2798	46/05	22/14
35307	35ACO35126	UK 2199	5/06	8/13
35308	35ACO35127	UK 2198	25/06	44/12
35310	35ACO35128	UK 2725	27/06	
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	
35400	35ACO35140	UK 2424	5/06	
35420	35ACO35147	UK 2049	18/06	10/13
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	17/13
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	
36061	36BHA36007	UK 1468	20/07	
36062	36BHA36008	UK 1415	4/06	44/12
36063	36BHA36009	UK 1447	12/07	9/13
36081	36BHA36011	UK 1753	7/07	34/14
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	38/11
36108	36BHA36018	UK 2000	4/06	13/12
36110	36BHA36019	UK 2007	8/06	18/11
36115	36BHA36020	UK 1994	3/07	21/14
36116	36AHA36021	UK 1867	23/05	26/10
36117	36BHA36022	UK 1907	11/07	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	
36120	36ACO36025	UK 1826	13/07	24/13
36127	36BHA36030	UK 3746	32/06	23/14
36128	36BHA36030	UK 3746	32/06	23/14
36137	36AHA36032	UK 1478	39/04	37/13
36138	36AHA36033	UK 3275	39/04	34/13
36139	36BHA36034	UK 3274	39/04	35/13
36140	36ACO36035	UK 1178	39/04	10/13
36141	36BHA36036	UK 2878	41/04	37/13
36161	36BHA36039	UK 1152	52/04	45/12
36162	36BHA36041	UK 1182	1/05	45/12
36163	36BHA36042	UK 1176	1/05	40/13
36165	36BHA36044	UK 1165	17/05	52/12
36180	36ACO36049	UK 2565	27/05	9/13
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	34/13
37046	37AHA37007	UK 1613	34/05	25/13
37047	37XHA37008	UK 1902	25/05	22/13
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	1/12
37079	37AHA37016	UK 2625	32/05	34/13
37081	37AHA37017	UK 2045	32/05	25/13
37083	37AHA37019	UK 2037	25/05	31/13
37084	37AHA37020	UK 2036	5/06	27/13
37086	37AHA37021	UK 2631	31/05	18/13
37119	37AHA37027	UK 1698	8/06	45/14
37122	37AHA37028	UK 1828	19/05	40/13
37141	37AHA37040	UK 1607	9/05	21/14
37145	37AHA37051	UK 1185	37/04	21/14
37147	37BHA37052	UK 1975	36/04	21/14
37150	37ACO37055	UK 1504	37/04	40/13
37170	37ACO37057	UK 1503	38/04	29/14
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	40/14
37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	34/14
74071	74BHA74072	Aus. 615	35/07	
74071	74BHA74073	Aus. 616	35/07	
74071	74BHA74074	Aus. 617	35/07	
74141	74XHA74142	Aus. 618	35/07	
74141	74XHA74143	Aus. 610	35/07	
74151	74AHA74154	Aus. 809	12/07	
74152	74BHA74150	Aus. 208	8/07	44/10
74153	74BHA74155	Aus. 207	8/07	
74162	74BCO74163	Aus. 811	13/07	
74162	74BCO74164	Aus. 810	13/07	
74183	74AHA74180	Aus. 237	9/07	
74186	74AHA74189	Aus. 238	47/05	
74192	74BHA74213	Aus. 818	9/07	
74201	74BHA74199	Aus. 246	8/07	
74202	74BHA74208	Aus. 247	13/07	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
74204	74BHA74209	Aus. 819	14/07	
74205	74BHA74244	Aus. 245	45/10	
74206	74AHA74212	Aus. 244	15/07	
74210	74BCO74245	Aus. 820	13/07	
74221	74BCO74227	Aus. 821	11/07	
74229	74BHA74226	Aus. 250	13/07	
74229	74BCO74246	Aus. 824	16/08	
74229	74BCO74247	Aus. 249	16/08	26/13
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	45/10
74252	74BHA74258	Aus. 263	41/10	
74253	74BCO74262	Aus. 830	13/07	
74271	74BCO74275	Aus. 833	18/07	
74271	74BCO74277	Aus. 280	35/07	
74272	74BHA74267	Aus. 834	13/07	
74287	74BHA74279	Aus. 289	52/06	
74293	74ACO74311	Aus. 839	12/06	25/13
74294	74BCO74300	Aus. 292	47/05	
74294	74ACO74311	Aus. 839	12/06	
74310	74BCO74395	Aus. 302	18/07	
74320	74BCO74313	Aus. 303	18/07	
74330	74BCO74387	Aus. 304	52/06	
74340	74BCO74384	Aus. 305	35/07	
74350	74BCO74383	Aus. 306	35/07	44/10
74376	74BCO74377	Aus. 715	35/07	
74391	74BHA74390	Aus. 720	35/07	
74391	74BHA74396	Aus. 721	35/07	
74393	74BHA74397	Aus. 26	47/06	
74394	74BHA74397	Aus. 26	47/06	
74415	74ACO74416	Aus. 726	35/07	
74430	74ACO74431	Aus. 315	22/08	48/08
74450	74ACO74451	Aus. 319	34/07	48/08
74517	74ACO74031	Aus. 743	12/06	
74521	75AHA75147	Aus. 744	19/06	
74555	74ACO74593	Aus. 334	34/07	
74581	74AHA74585	Aus. 112	18/07	
75010	75ACO75111	Aus. 341	36/07	
75010	75ACO75114	Aus. 342	36/07	
75110	75ACO75111	Aus. 341	36/07	
75120	75ACO75114	Aus. 342	36/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75170	75ACO75166	Aus. 788	14/06	
75170	75ACO75167	Aus. 789	14/06	
75170	75ACO75168	Aus. 790	17/06	
75171	75AHA75164	Aus. 144	44/10	
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	25/13
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	24/13
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
75265	75AHA75266	Aus. 197	17/07	
95261	95BCO95263	Jpn. W145	9/12	
95264	95BHA95266	Jpn. W1155A	5/12	
95268	95BHA95122	Jpn. W1162A	52/12	
95258	95BHA95257	Jpn. W1160	23/14	
95271	95BHA95277	Jpn. W1183	5/13	
95272	95BHA95278	Jpn. W1162B	1/13	
95273	95BHA95279	Jpn. W1197	5/12	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
95285	95BHA95289	Jpn. W1166	29/12	
95342	95AHA95339	Jpn. W1265	46/12	
96940	96BHA96933	Jpn. W7	51/12	
96942	96BHA96931	Jpn. W5	21/11	
96961	96BHA96951	Jpn. W1033A	46/10	21/14
97041	97BHA97044	Jpn. W65	21/11	38/12
97042	97XHA97045	Jpn. W71	46/11	
97043	97XHA97046	Jpn. W1091	45/11	12/12
97060	97ACO97050	Jpn. W54	46/11	1/13
97063	97XHA97054	Jpn. W1099	16/13	
97063	97XHA97058	Jpn. W1093	36/13	
97064	97BHA97055	Jpn. W1100	39/12	3/14
97082	97BHA97084	Jpn. W64A	9/12	33/14
97083	97BHA97085	Jpn. W64B	9/12	34/14
97104	97BHA97093	Jpn. W63	26/12	
97108	97BHA97095	Jpn. W1049	38/12	3/14
97141	97BHA97132	Jpn. W1067	52/12	
97143	97AHA97133	Jpn. W1062	11/11	
97144	97AHA97134	Jpn. W1081	9/11	52/12
97146	97AHA97135	Jpn. W1083	46/10	
97148	97XHA97136	Jpn. W1085	18/11	
97149	97AHA97137	Jpn. W66	46/10	3/14
97150	97XHA97139	Jpn. W67	46/10	
97151	97AHA97168	Jpn. W1061	21/11	
97154	97BHA97171	Jpn. W1042	52/11	
97155	97AHA97172	Jpn. W1065	21/11	
97156	97BHA97173	Jpn. W92	49/11	
97181	97BHA97089	Jpn. W1051	42/12	
97182	97BHA97090	Jpn. W1053	21/12	
97183	97BHA97028	Jpn. W95	16/13	
97184	97BHA97030	Jpn. W1055A	49/11	37/13
97185	97BHA97031	Jpn. W1057B	49/11	
97188	97BHA97033	Jpn. W1052	38/12	
97189	97BHA97034	Jpn. W1055B	49/11	
97204	97AHA97191	Jpn. W131	11/11	
97218	97BHA97216	Jpn. W134B	37/13	
97220	97AHA97197	Jpn. W1103	29/12	
97221	97AHA97198	Jpn. W106	11/11	
97225	97AHA97210	Jpn. W150A	46/11	
97226	97XHA97211	Jpn. W1110	3/12	29/14
97227	97XHA97212	Jpn. W1146	30/13	
97228	97AHA97213	Jpn. W123	29/14	
97229	97AHA97214	Jpn. W101A	29/12	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
97230	97AHA97215	Jpn. W101B	20/12	
97233	97BHA97252	Jpn. W153	12/11	21/14
97234	97BHA97253	Jpn. W137A	45/11	3/14
97235	97BHA97254	Jpn. W165	27/13	
97236	97BHA97255	Jpn. W137B	46/11	3/14
97237	97BHA97256	Jpn. W1121	6/12	
97241	97BHA97259	Jpn. W1124	21/11	
97261	97BHA97293	Jpn. W141	12/11	49/11
97262	97BHA97294	Jpn. W104	12/11	
97263	97BHA97295	Jpn. W132	9/11	
97263	97BHA97965	Jpn. W1361	45/11	
97272	97BHA97306	Jpn. W126	46/11	
97274	97AHA97308	Jpn. W127	9/11	
97277	97AHA97311	Jpn. W1102	40/13	
97280	97BHA97315	Jpn. W1106	45/11	
97285	97AHA97319	Jpn. W1262	11/11	45/12
97286	97AHA97321	Jpn. W1263	11/11	52/12
97287	97AHA97322	Jpn. W1264	11/11	21/14
97303	97BHA97324	Jpn. W110	6/12	
97340	97ACO97327	Jpn. W1221	42/13	
97343	97BHA97330	Jpn. W214A	21/14	
97360	97ACO97333	Jpn. W1222	40/13	
97383	97BHA97337	Jpn. W206	3/12	
97410	97XHA97358	Jpn. W166	6/12	
97423	97BHA97363	Jpn. W1227	3/14	
97465	97BHA97370	Jpn. W222A	49/11	
97466	97AHA97371	Jpn. W243	13/12	
97469	97AHA97373	Jpn. W228B	48/11	
97481	97BCO97375	Jpn. W1205	49/11	
97343	97BHA97567	Jpn. 214B	21/14	
97563	97AHA97568	Jpn. W50	4/12	

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 43 (Worldwide Navigational Warning Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address _____

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Details of Information Reported (continue on additional sheets as necessary) _____

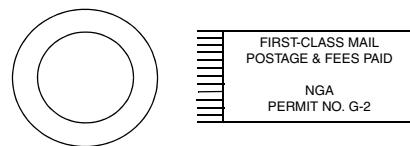
Digitized by srujanika@gmail.com

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User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY OFFICE
MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
7500 GEOINT DRIVE
SPRINGFIELD, VA 22150-7500**



HYDROARC REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Is hazard remotely monitored? Yes _____ No _____

If yes, list Internet URL where most recent position will be posted (if any): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Latitude _____ Longitude _____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

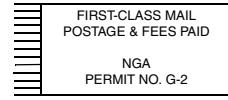
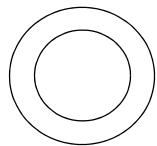
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

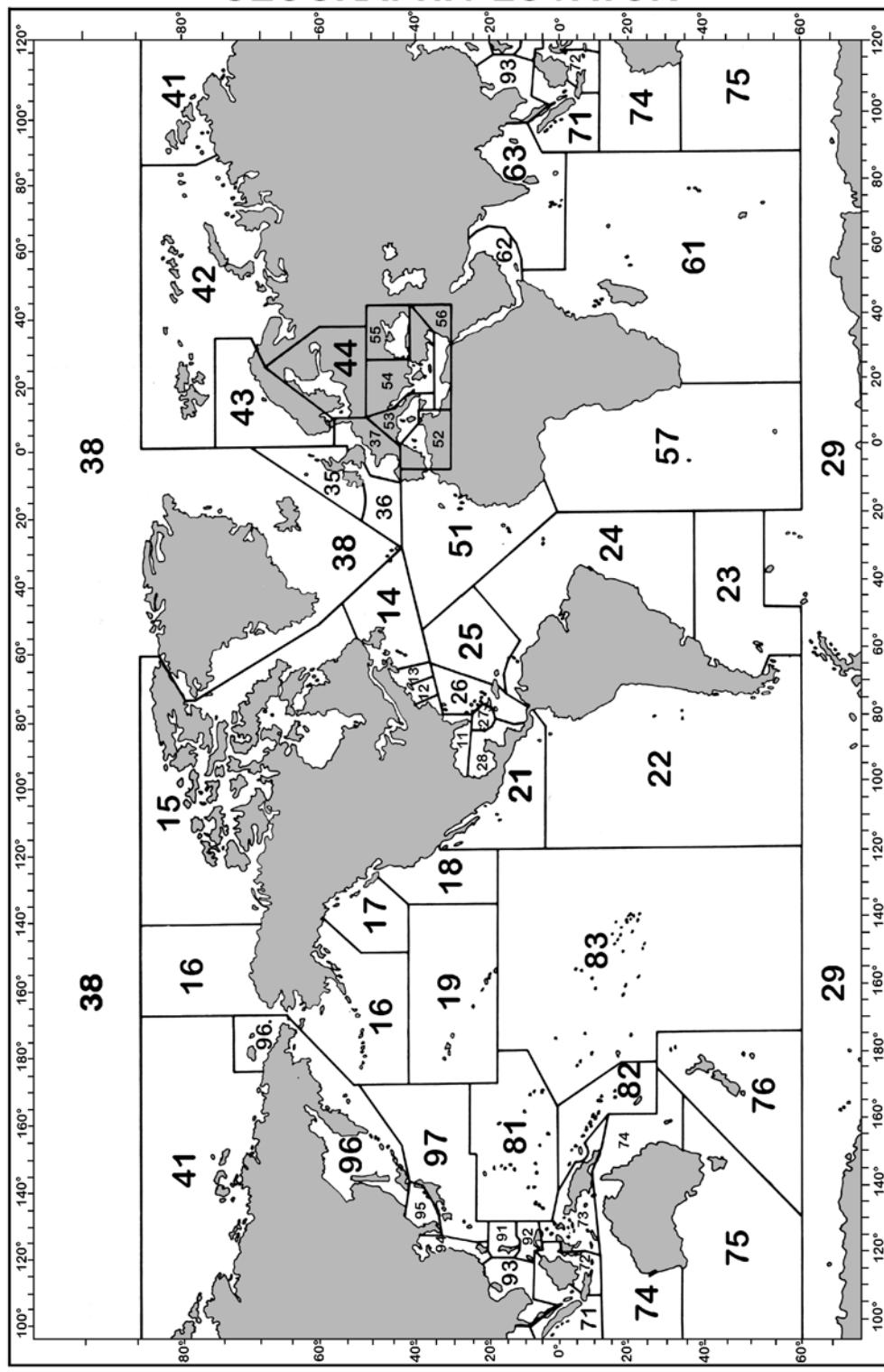
Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA/DLIS Catalog of Maps Charts and Related Products. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

**IMPORTANT
NAVIGATIONAL INFORMATION
TIME—DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY